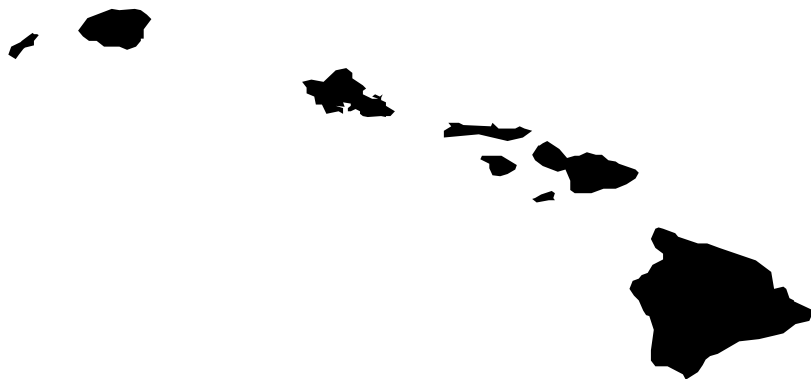




MIT

Hawaii Club

Resumé Book
2000



MIT Hawaii Club
c/o Keith Wannomae
450 Memorial Drive
Cambridge, MA 02139

February 21, 2000

Dear Sir or Madam:

Thank you for helping us to realize our dream!

As high school seniors in Hawaii, we were faced with a magnanimous decision. We had to choose between staying in Hawaii to be with our culture or venturing off into new and unexplored regions of the mainland United States in search of higher education. The first choice would allow us to stay in the land that we have always loved. The second choice would allow us to further our potential. It is common knowledge that the economy in the mainland United States offers students of higher education better jobs than the economy in Hawaii. Choosing to stay in Hawaii meant never living up to our full potential. Choosing to leave meant never coming home again.

I am glad that times have finally changed. Now the technology firms which flourish in California, Texas, and New York have begun to sprout in Hawaii. The gap between our heritage and our future is slowly diminishing, and we, the children of Hawaii, are ready to reap the benefits. The Hawaiians at the Massachusetts Institute of Technology would like to thank you, the technology firms in Hawaii, for giving us an opportunity to finally come home.

Respectfully,

Keith Kalani Wannomae
Resume Book Organizer

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Andrea Sea Yar Au

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OBJECTIVE	To obtain a summer internship in the area of investment banking/finance/analysis.	
EDUCATION	Massachusetts Institute of Technology (MIT) , Cambridge, MA Degree Candidate for Bachelor of Science in Management Science and minors in Economics and East Asian Studies (expected graduation in 2002) <ul style="list-style-type: none">• Coursework includes: Microeconomics, Macroeconomics, Communications, Management, Accounting, Finance, Real Estate Economics, Capitalism, Physics, Chemistry, Biology, Mandarin Chinese, Philosophy, and Computer Programming (C and C++) Punahou School , Honolulu, HI Graduated With Honors, June 1998. GPA 3.8/4.0. National Honor Society State President.	
JOB EXPERIENCE	MIT UROP , Cambridge, MA Security/Equity analysis under Professors Paul Asquith and Michael Mikhail <ul style="list-style-type: none">• Downloaded and read analyst reports from the INVESTEXT database to retrieve recommendation, basis of recommendation, earnings forecasts, price targets, etc.• Coded information in a database• Working on a academic paper on the best method of stock price prediction First Hawaii Title Corporation , Honolulu, HI	<i>2000 - present</i>
	<ul style="list-style-type: none">• Verified/reviewed releases of mortgages, satisfactions, terminations, assignments, PASH files, etc. Wedbush Morgan Securities , Honolulu, HI Worked as an intern, helping the Vice President of Investments <ul style="list-style-type: none">• Organized client portfolios• Researched and evaluated various mutual funds, stock quotes, and charts• Researched stocks, specializing in insider trading Punahou School Science and Math , Honolulu, HI Teaching/Laboratory Assistant	<i>Summer 1999</i>
	Desk Worker , Cambridge, MA – MIT, McCormick Hall	<i>Summer 1998</i>
SKILLS	Proficient with MS Office, Netscape, MS Internet Explorer, Windows, and graphic programs.	
TRAINING	Economic for Leaders (EFL) by the Foundation for Teaching Economics (FTE) Babson College, Wellesley, MA	<i>1997</i>
	H and R Block Basic Tax Course , Honolulu, HI	<i>Summer 1998</i>
ACTIVITIES	Girl Scouts – Honolulu, HI Cambridge Family Partnership Coordinator, Board of Directors, Gold Project, Silver Project	<i>1989 – present</i>
	Varsity Rifle MIT (1998-present) and Punahou School (1995-1998)	<i>1995 – present</i>
	Associate Advisor , Cambridge, MA	<i>1999 – present</i>
	Hugh O'Brian State Leadership Conference (HOBY) , Honolulu, HI	<i>1996 – present</i>
	Sloan Undergraduate Management Association , Cambridge, MA	<i>1999 – present</i>
	Undergraduate Economics Association , Cambridge, MA	<i>1998 – present</i>
	College Republicans (MIT) , Cambridge, MA	<i>1998 – present</i>
	Chinese Students Club , Cambridge, MA	<i>1998 – present</i>
	MIT Hawaii Club , Cambridge, MA	<i>1998 – present</i>

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East Falmouth, MA 02536
508-540-0959

LIAM BOSSI

OBJECTIVE: To obtain a position in which I can use the skills acquired thus far in my studies, as well as develop skills which suit my interests of chemical engineering, environmental engineering, and chemistry.

EDUCATION Massachusetts Institute of Technology *September 1998 - Present*
Class of 2002 *Cambridge, MA*
Candidate for Bachelor of Science Degree in Chemical Engineering with Double Minor in Chemistry and Environmental Engineering.

- Cumulative Undergraduate GPA: 4.7
- Relevant Coursework: Chemical Thermodynamics, Chemical Engineering Thermodynamics, Organic Chemistry (2 semesters), Chemistry Laboratory (2 semesters), Computer Methods, Seminar in Chemical Engineering Technical Writing, Fluid Mechanics.
- Other Courses: Newtonian Mechanics, Electricity and Magnetism, Differential Equations, Spanish.

EXPERIENCE Northeast Engineering, Inc. *January 2000*
Engineering Assistant *Falmouth, MA*

- Worked with AutoCAD drawings and spreadsheets, sorting and developing parts lists.
- Responsible for leak detection using helium spectrometer, as well as maintenance of helium spectrometer.
- Worked on assembly of pneumatic test device for sidewinder missiles, primarily machine shop work.
- Some circuitry work, primarily dealing with pressure gauges and flow meters.

OTHER SKILLS:

- Computer Skills: Familiar with spreadsheets. Programming experience in Matlab and C.
- Laboratory Skills: Familiar with NMR and IR spectroscopy, gas chromatography, and mass spectrometry. Experience in biochemistry, organic synthesis, and analysis.
- Some machine shop experience.

HONORS / AWARDS:

- Youth Merit Award by Rotary Club for outstanding qualities of service, dependability, and leadership.
- Naval Science Award by U.S. Navy and Marine Corps for distinguished achievement.
- "Future Leaders" Award by Women's Club for contributions to school and community.
- National Merit Commended Student

ACTIVITIES:

- Brother Phi Sigma Kappa Fraternity:
 - Member at Large of President's Advisory Board
 - Interfraternity Council Representative
- MIT Varsity Golf
- Counselor for Freshman Outdoors Program, a preorientation program run in association with Outward Bound.

Christopher Cha

Objective

To obtain experience in the management of a high-technology firm.

Experience

Summer 1999 RoweCom Inc Cambridge, MA

Project Management Intern

- Spec and test a project management system for the technology group
- General research in technical and business fields
- Alpha testing of new software versions

Fall 1998-Spring 1999 Sloan School of Management Cambridge, MA

Research assistant

- Data acquisition and entry into project database
- Scientific analysis of patents

Summer 1998 Kauai Community College Lihue, HI

Technical Support

- Worked on upgrading campus-wide network, both on hardware and software
- Helped to integrate software during upgrade from Windows 3.11 to Windows 95

1997-1998 Language Learning and Resource Center Cambridge, MA

Student Staff

- General clerical duties

Education

1997-Present Massachusetts Institute of Technology Cambridge, MA

- Coursework includes studies in several aspects of management, as well as work in modern physics, computer programming, basic economics, and functional mathematics.
- Major: Management Science

1994-1997 University of Hawaii Honolulu, HI

- College in High School Program
- 4 semesters of Calculus, 3 semesters of Physics, 1 semester of Programming
- Cumulative GPA : 3.7

1993-1997 Mid-Pacific Institute Honolulu, HI

- Cumulative GPA: 4.32/4
- Class Valedictorian
- AP Exam Scores- Physics B: 5, Calculus AB: 5, Statistics: 5, English Language: 5, English Literature: 5, Chemistry: 4

Awards & Achievements

1997 National Merit Scholar, 1997 Captain of 3rd Place team in State Science Bowl, 1996-1997 Captain of Mid-Pacific Institute JETS TEAMS Competition team

Personal Interests

Aikido, basketball, football, computer games, strategy games, music performance

Denise B. Cherng

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(978) 392-0016

- Objective** In search of an educational, challenging, and rewarding summer internship in the field of computer science, electrical engineering or management.
- Education** **Massachusetts Institute of Technology** **Cambridge, MA**
Candidate for a Bachelor of Science in Electrical Engineering and Computer Science, June 2002.
Relevant courses taken or in progress: Structure and Interpretation of Computer Programs, Circuits and Electronics, Computation Structures, Strobe Project Laboratory, Probabilistic Systems Analysis, Differential Equations, Linear Algebra, and Principles of Macroeconomics.
- Experience** **MIT Medical Center** **Cambridge, MA**
June 1999
Assistant
Assisted with the organization of the audit. Ordered medical records through the computer system and organized them.
Assisted the organization of a presentation for the medical staff.
- MIT Dewey Processing Office** **Cambridge, MA**
June 1999
Office Assistant
Assisted the processing office by maintaining journals, checking the arrival of books, updating the computer system and help maintain books in the library system.
- CVS** **Acton, MA**
September 1997-September 1998
Assist customers by suiting their needs, register. Worked in an environment with many different types of people.
- Harvard Medical School** **Boston, MA**
June 1996-July 1996
Research Assistant. Helped with the research of a cure for Alzheimer's disease. Conducted different lab experiments involving the amino acids associated with Alzheimer's disease.
Gained knowledge in a hands-on environment doing laboratory work.
Worked with researchers and summer interns.
- Skills** **Hardware:** IBM PC and compatibles, Macintosh and UNIX systems
Software: MS Word, MS Excel, Word Perfect, Matlab
Operating Systems: MS-Windows (3.11, 95, 98), MS-DOS
Programming: MS Visual Basic, HTML, LISP/Scheme
Languages: Mandarin Chinese and Spanish
- Background/Activities**
Enjoys roller-blading, dancing, reading and the arts.
MIT Dance Troupe (Secretary), Chinese Students Club (Co-Social Chair) and Kappa Alpha Theta (Deputy Finance)
Member of the Society of Women Engineers
Participated in Women's Initiative: Encouraging the Exploration of Engineering.

Melissa Dullea
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cell: (617) 290-6659

Objective

I seek a one- to two-year opportunity to merge my background in Civil Engineering and in Urban Planning in a conscientious, socially-aware application of engineering concepts. The ideal position would be in the field of transportation planning.

Education

Massachusetts Institute of Technology, Cambridge, Massachusetts. June 2000.

Candidate for Bachelor of Science in Civil Engineering and a Bachelor of Science in Urban Studies and Planning. Courses include basic mechanics, Engineering System Design, Computers and Engineering Problem Solving, Urban Design and Development, and Fundamentals of Public Policy.

Oxford Hills High School, South Paris, Maine. May 1996.

Valedictorian in a class of 222.

Employment History

Financial Administrator, Chaney, Brooks & Company, Honolulu, HI. June 1999-August 1999.

Compiled financial returns for a property management company.

Research Coordinator, MIT Concrete Canoe Team, Cambridge, MA. September 1998-April 1999.

Managed the research and development team in the design of a high-performance concrete mix for use in the ASCE's concrete canoe competition.

Lab Designer, Undergraduate Research Opportunity Project, (UROP), Cambridge, MA. June 1998-December 1998.

Redesigned and implemented new lab projects for undergraduate Structural Engineering Lab. Devised methodology and constructed hardware for measuring displacements, forces, stresses, and strains in structural members.

Computer Experience

Programming and design experience includes C, Java, and HTML in UNIX and Windows environments. Application experience includes AutoCAD, Microstation, and Arcview GIS.

Interests

Held offices of President, Vice-president, and Secretary of the MIT chapter of Alpha Phi Omega, a coed national service fraternity devoted to leadership, friendship, and service to the community.

References available upon request

NINA MAHEALANI HEINRICH

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nmheinri@mit.edu

Home Address

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Honolulu, HI 96819
(808) 841-5716

Objective To obtain a summer internship in chemical engineering with an emphasis on the environment.

Education **Massachusetts Institute of Technology** Cambridge, MA
Candidate for Bachelor of Science degree in Chemical Engineering, June 2002. Courses include Organic and Inorganic Chemistry, Chemistry Lab, Thermodynamics and Kinetics, Physics I and II, Calculus and Differential Equations, and Computer Programming for Engineers. Current courses include Fluid Mechanics and Chemical Engineering Thermodynamics

Publicity Manager, music director as of next term, member, MIT Muses, MIT's all female a cappella group. Secretary, Hawaii Club. Historian, Burton-1 (dorm floor). Member, Student Art Association

Punahou School Honolulu, HI
Graduated with 3.9 unweighted GPA, June 1998. Course work in the math/science areas included AP Biology, Honors Chemistry and Physics, AP Calculus BC, and Honors Geometry, Trigonometry, and Advanced Math.

Skills *Computer:* good familiarity with C Programming

Experience **Barbri Law Review Course** Honolulu, HI
Summer 1998, 1999
Proctor. Audio and visual setup, handout distribution, administrative assistance.

Hale Kako'o Respite Center Honolulu, HI
Summer 1996, 1997
Volunteer. Interacted with people afflicted with Alzheimer's Disease, led exercises and artistic activities.

Easter Seals Honolulu, HI
Summer 1995
Volunteer. Led activities with the young mentally and physically disabled, ages 6-25.

Waikiki Yacht Club Honolulu, HI
June-December 1994
Assistant Sailing Instructor. Assisted in the teaching of children ages 9-15 how to sail small boats, demonstrated techniques and offered advice.

Punahou School Honolulu, HI
October-May 1994-95, 1995-96, 1996-97, 1997-98
Volunteer Tutor. Tutored high school students in mathematics.

Honors/Awards Dolores Furtado Martin Scholarship 1992-1998 (full Punahou tuition paid), English Achievement Award 1995, Social Studies Achievement Awards 1995, 1996, and 1998, Science Achievement Awards (in Honors Chemistry 1996, Biology 1995, and AP Biology 1998), Language Achievement Award in German 1995, and National Honors Society.

Background Interests include piano, ceramic sculpture and many 2D art forms, clothing design, and swimming.

PETER H.J. HOW

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<http://web.mit.edu/phow/www/portfolio/>

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94-412 Hokulewa Pl.
Mililani, HI 96789
(808) 623-6587

OBJECTIVE: A permanent position in mechanical engineering with emphasis on design and manufacturing

EDUCATION: **Massachusetts Institute of Technology**
September 1996-present **Cambridge, MA**
Candidate for Bachelor of Science degree in Mechanical Engineering, expected June 2000.
Select courses include:

Design and Manufacturing I & II	Elements of Mechanical Design
Systems, Modeling, and Dynamics I & II	Product Engineering Process

EXPERIENCE: **Cummins Engine Company, Summer Intern**
June 1999-August 1999 **Columbus, IN**
Researched piston/ring liner interfaces in the Cylinder Systems Development Group.
Analyzed tests simulating the top dead center wear characteristics of the interface, which resulted in several papers, including a technical report and a paper accepted for spring 2000 publication in the SAE.

Energy, Resources, and Technology Division of the State of Hawaii, Summer Intern
May 1998-August 1998 **Honolulu, HI**
Designed and programmed 20 web pages. Researched crude oil statistics. Produced a State of Hawaii high technology export directory.

VeriFone, Inc., Laboratory Technician
June 1997-August 1997 **Mililani, HI**
Reworked printed circuit boards, assembled prototypes, kitted assembly parts, and modified plastic cases for the development of the Omni 2250 and 2650 smart card readers.

MIT Alumni Association, Telemarketer
October 1996-December 1996 **Cambridge, MA**
Raised funds to benefit scholarships, fellowships, undergraduate research, living groups, athletic teams, and various departments.

EnvironMETeo Services, Inc., Student Intern
March 1995-June 1995 **Waipio Gentry, HI**
Cataloged asbestos samples, reevaluated field data, data entry, and scanned and manipulated site maps for a project on asbestos regulations for all public schools in Hawaii.

SKILLS: **Computer:** ProEngineer, Solidworks, Matlab, Java programming, HTML programming, Win 95/98, MS Excel, MS Word, Word Perfect, Adobe Photoshop, UNIX. **Language:** Familiarity with French. **Other:** SEM, machining, surface mount and through-hole soldering.

ACTIVITIES: **Phi Sigma Kappa Fraternity:** Vice President, Secretary, Scholarship Chairman, Recycling Chairman, House Improvements Committee. **MIT Hawaii Club:** Vice President, Luau Chairman, Food Committee Chairman. **Volunteer:** Project Contact, Project SCORE, Project Bread, Special Olympics, Walk for Hunger, Hike for Hunger, MIT City Days, Back Bay Alley Rally, Housing Partnerships Inc. **Sports:** IM Hockey (captain), IM Soccer (captain), IM Crew.

JANET JOSEPHINE HSIEH

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EDUCATION MASSACHUSETTS INSTITUTE OF TECHNOLOGY (1997-present) Cambridge, MA

GPA 4.7/5.0 ; Candidate for a Bachelor of Science in Humanities and Science (Spanish and Biology) with a concentration in the Studies of International Literatures and Cultures
Burton-Conner Dormitory Executive Committee (VP and Treasurer), Alpha Chi Omega Sorority (Houston summer rush coordinator, Class of 2001 Ring Committee, Science Exposition Advisor Coordinator, Freshman Associate Advisor, MIT SPLASH teacher

BELLAIRE SENIOR HIGH SCHOOL (1993-1997) Bellaire, TX

GPA 4.5/5.0 , top 10% of class of 1997, Graduate with Honors, International Baccalaureate Diploma
National Honor Society, Spanish National Honor Society (President), Senior Class Secretary, Prom Committee Chairperson, Watson Memorial Scholarship, Rodeo Scholarship of Houston, ENRON Scholar

EXPERIENCE TAIWANESE CULTURE CENTER PROGRAM TEACHER (1999) Houston, TX

Taught children between first and eighth grade study skills, mathematics, science, creative thinking, and cooking, as well as set up a private tutoring program for autistic children.

UNDERGRADUATE RESEARCH OPPORTUNITIES PROGRAM (1999-2000) Cambridge, MA

Studied and researched language acquisition skills in infants in an independent study under the Brain and Cognitive Sciences division of MIT.

UT-HOUSTON SUMMER RESEARCH PROGRAM (1998) Houston, TX

Researched the effects of insulin on vascular smooth muscle cell contraction, under the guidance of Dr. Andrew Kahn in the Internal Medicine Department.

HERMANN HOSPITAL TRAUMA/ER VOLUNTEER (1998) Houston, TX

Volunteered in the Trauma Ward and observed surgeries under the supervision of Dr. Duke (Head ER Surgeon).

ASIA CHEMICAL CORP, INC. (1997) Houston, TX

Managed consumer affairs, contacted international companies in the foreign imports and exports division, specializing in the Latin American and Asian Countries.

AMIGOS VOLUNTEER PROGRAM (1996) Manabi, Ecuador

Vaccinated over 5000 dogs and cats as the local health provider, provided numerous toothbrushes, and set up dental hygiene clinics all over Chone, Manabi. Nominated for AMIGOS Field Staff.

SKILLS and INTERESTS

Language: Fluency in English and Taiwanese, proficiency in Spanish.

Music: Excellence in violin – MIT Emerson Scholarship recipient (1998), Texas All State Symphony Orchestra (1993-1997), Greater Houston Youth Orchestra (1995-1997), Texas Young Virtuosos European tours (Summer 1991 & Summer 1993), White House performance (1990).
Proficiency in other string instruments (piano, guitar).

Athletics: MIT Womens' Crew team - stroke of Novice 8 (97-98), Boston Marathon 1999, Varsity Womens' Basketball (Bellaire Senior High School, letterman, Academic Achievement Award) (1994-1996), Tae Kwon Do (black belt, National's qualification, 2 Gold Medals), MIT Intramural sports (ice hockey, basketball, waterpolo, crew, pool) (97-99).

Special Interests: Community Service, Harvard Intercollegiate Fashion Show (model of the year), MIT Dance Troupe, *The Tech* newspaper staff and photographer, Campus Crusade for Christ, Chinese Students Club, Hawaii Club, ATO charity auction.

PUBLICATION Volume 10: Student Abstracts 1998; UT-Houston Health Science Center.

Melissa A. Kanemasu

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Education:

Northeastern University, Boston, MA

Candidate for Masters of Science in Biomedical Science, June 2000.

Courses include: Human Physiology, Pharmacology, Immunobiology, Cell Pathology, Immunopathology, Genetics, Molecular Bio, Biomedical Analysis.

Massachusetts Institute of Technology, Cambridge, MA

Bachelor of Science in Mathematics, June 1999.

Courses included: Calculus, Differential Equations, Linear Algebra, Modern Algebra, Complex Analysis, Probability, Statistics, Combinatorics, Applied Math, Intro Chemistry & Lab, Organic Chemistry, Thermodynamics & Kinetics, Physical Chemistry, Biochemistry, Intro Biology & Lab, Physics I&II, Intro Psychology, Intro Cognitive Science, Cognitive Development, Japanese I&II, Ancient Japanese History, The Film Experience, Problems in Philosophy, Writing and Experience.

Experience:

Summerbridge Hawai'i, Honolulu, HI

Science, Spanish and Journalism Teacher (summer 1998 and 1999)

*Designed and taught a curriculum for at-risk 7th and 8th graders

Edwards Middle School, Rising Stars After-school Program, Cambridge, MA

Assistant Leader of Health Careers Module (spring 1998)

The Queen's Medical Center, Information Services Department, Honolulu, HI

Data Control Specialist (June 1995-1998)

*Also, special projects with Clinical Information System team

Volunteer in Information Services Department (summer 1994)

Massachusetts Institute of Technology, Center for Materials Science, Cambridge, MA

Mentor/Counselor for Summer Day Camp for Middle School Students (summer 1997)

Punahou School, Honolulu, HI

Student Athletic Trainer (August 1994-June 1995)

*Diagnosed and treated sports injuries

*Applied preventive tapings

Rehabilitation Hospital of the Pacific, Honolulu, HI

Volunteer in Physical Therapy Department (spring 1995)

*Assisted in administering physical therapy exercises

Activities:

Graduate of MIT Leadershape Institute (May 1998)

Associate Freshman Advisor (August 1998-June 1999) and Orientation Leader (August 1998)

NIKE P.L.A.Y. Corps Basketball Coach at YMCA (October 1998-February 1999)

MacGregor House E-Entry President (December 1996-1998)

MacGregor House Intramural Athletics Chair (September-December 1997)

MIT Hawaii Club (September 1995-present), Secretary (May 1996-1999)

Member of MIT Lecture Series Committee (September 1995-June 1999)

Member of MIT DanceTroupe (September 1997-June 1999)

David Sun Kong

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OBJECTIVE:

To obtain a summer internship with engineering emphasis

EDUCATION:**MASSACHUSETTS INSTITUTE OF TECHNOLOGY****Cambridge, MA**

Candidate for Bachelor of Science degrees in Chemical Engineering and Biology, Minor in Biomedical Engineering, June 2001. GPA: 4.3/5.0 Major GPA: 5.0/5.0

Relevant courses completed and enrolled in as of January 2000:

Thermodynamics and Kinetics, Chemical Engineering Thermodynamics, Fluid Dynamics, Separation Processes, Chemical Kinetics and Reactor Design, Biotechnology and Engineering, Heat and Mass Transfer, General Biochemistry, Introduction to Experimental Biology, Organic Chemistry, Computer Methods

President of MIT/Wellesley Toons (co-ed a cappella group), Founder of MIT Marks (all-male a cappella group), undergraduate tutor

LEXINGTON HIGH SCHOOL**Lexington, MA**

enrolled September 1994-June 1997 GPA: 4.4/4.0

Science Olympiad: Captain, State Champions, ranked 10th nationally, Achievement Awards in Writing, French Award, Nominee for Wang Center Art Contest, AP Scholar, Commendation in National Merit Scholarship, President of Writing Workshop, Musket (school paper): Layout Editor, Columnist, Cartoonist, National Honors Society, Student Council, Varsity Tennis: League Champions (1995, 1997), 1st Team League All-Star

EXPERIENCE:**MASSACHUSETTS INSTITUTE OF TECHNOLOGY****Cambridge, MA**

(Sept. 1999-current)

tutored undergraduates in chemical engineering thermodynamics and fluid dynamics

(Summer, 1999)

Research Assistant in Professor Paul Laibinis' Nanotechnology lab. Tested the stability of gold surfaces through the underpotential deposition of silver atoms and cyclic voltometry. Investigated causes of peak shifts indicative of increased gold resistance to atomic-scale corrosion

ASPEN TECHNOLOGY**Cambridge, MA**

(Summer, 1998)

Research intern. Investigated effectiveness of Neural Networks in predicting vapor pressures of various oligomers encountered in oleochemical industry. Performed comparative analysis with other industry methods to optimize prediction accuracy. Gave weekly presentations to industry consultants. Paper submitted to *Computers and Chemical Engineering* for publication

LEXINGTON RECREATION CENTER**Lexington, MA**

(Summer, 1996, 1997)

Tennis instructor. gave tennis lessons to players ranging from beginning toddlers to experienced adults, including weekly sessions and private tutorials

LAHEY HITCHCOCK CLINIC**Burlington, MA**

(Summer, 1996)

Patient services volunteer. Duties included data entry, file handling, and general patient care

EVENTS:**SCIENCE COALITION****Washington D.C.**

(September 21-22, 1999)

Selected as MIT undergraduate representative to attend Science Coalition conference with Professor Paul Laibinis and Dr. John Santini. Lobbied politicians for federal funding of basic university research

SKILLS:

NeuralWorks (reg) Predict, Quark Express, Microsoft Office; familiar with Windows, UNIX operating systems, Maple, C programming languages; basic French, speaking fluency in Chinese, 8 years piano, 4 years voice

INTERESTS:

Tennis, Reading, Art, Singing, Tai Chi, Blackjack, Travel, Outdoors

Melody M.H. Kuroda

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melmhk@mit.edu

OBJECTIVE A full-time position related to Materials Science and Engineering.

EDUCATION **Massachusetts Institute of Technology** Cambridge, MA
Candidate for a Master of Science degree in Materials Science and Engineering, Dec. 2000. Investigating dispersion mechanisms of short glass fibers in polystyrene. Relevant courses include: Polymer Processing, Mechanics of Plastics, Physical Chemistry of Polymers. GPA: 4.5/5.0

Massachusetts Institute of Technology Cambridge, MA
Bachelor of Science degree in Materials Science and Engineering, June, 1998. Relevant courses include: Structure of Materials, Thermodynamics of Materials, Physical Chemistry of Materials, Chemical Physics of Materials, Mechanics of Materials, Solid State Chemistry, Organic Chemistry, Materials Processing, Transport Phenomena in Materials Engineering, Materials Structure Laboratory, Materials Processing Laboratory, Polymer Chemistry, Polymer Physics, Polymer Engineering. GPA: 4.8/5.0

Memberships: Tau Beta Pi Engineering Honor Society, Alpha Sigma Mu Materials Science and Engineering Honor Society, AMS/TMS, Japanese American Citizens League, Steering Committee: Association of Materials Student Societies.

V.P. and annual banquet coordinator (Luau) of Hawaii Club, 1996-98, former Decorations Committee Head for banquet Committee and Publicity Chairperson; Associate Freshman Advisor, 1996-98; Concert Choir, 1995-6; Student Ambassador with the MIT Alumni/ae Association.

AWARDS 1998 NSF Fellow; 1997 Presidential Scholarship, The Minerals, Metals, and Materials Society; 1997 Goldwater Scholarship; 1997 Caterpillar Scholar Award, Society of Manufacturing Engineers; 1997 TMS/ Structural Materials Division Scholarship, The Minerals, Metals, and Materials Society; 1996 George A. Roberts Scholarship, ASM Foundation for Education and Research; 1996 Myrtle & Earl Walker Scholarship, Society of Manufacturing Engineers.

EXPERIENCE **Gillette** Boston, MA
June to December, 1998. Research Intern. Assisted with development of new pen point concepts for PaperMate division. Resolved technical aspects of mechanical characterization, as well as validation of equipment and techniques for testing of writing products.

Gillette
June to August, 1997. Research Intern. Aided preliminary prototyping and mechanical analysis of writing products as well as preparation of laboratory space and equipment for project initiation.

MIT Center for Materials Science and Engineering Cambridge, MA
September, 1995 to May, 1998. Undergraduate Research Opportunities Program. Processing and mechanical testing of polymer sheets with globally aligned microstructure.

MIT Language Learning and Resource Center
August, 1995 to May, 1999. Head of Desk. Supervision of student staff, maintenance of equipment and materials, and provision of support services to facilitators and users of the Center.

BACKGROUND Attended Iolani School in Hawaii for high school. Interests include walking/hiking, reading, film and media studies, choral singing, travel, and volunteer work including departmental events, MIT Tech Reunions and other alumni events.

Eric Lau

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Term Address:
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- Objective** A summer position dealing with environmental engineering or a similar field.
- Education** Massachusetts Institute of Technology
Candidate for a Bachelor of Science degree in Molecular Biology and Environmental Engineering, June 2001. Courses include Introduction to Experimental Biology, Cell Biology, Biological Chemistry, Organic Chemistry I, Introduction to Experimental Biology, Fundamentals of Ecology, Environmental Chemistry and Biology, Fluid Mechanics, Environmental Fluid Transport Processes, Introduction to Hydrology, Air Pollution Control Engineering, Thermodynamics and Kinetics, Differential Equations, Fundamentals of Public Policy, Introduction to Computers and Engineering Problem Solving, Computing and Data Analysis for Environmental Applications.
- Punahou High School Honolulu, HI
Chair of Senate Funding Committee, Math and Science tutor, Writing/English tutor, Punahou Carnival Skills Division Head, Class Council. Graduated June, 1997.
- Skills** C/C++, Matlab, HTML. Daily use of Windows 95/98, Windows NT, Macintosh, Unix (Solaris/IRIX), and Linux operating systems. Microsoft word, Excel, PowerPoint. Biological, Environmental, and Chemical Engineering laboratory protocol.
- Experience** **Omicron Chapter of Phi Sigma Kappa** Cambridge, MA
March 1999 – Present Elected Freshmen Educator of a freshmen class of 19. Lead weekly meetings of upperclassmen and of freshmen in fraternity ideals and conflict resolution. Also served as Social Chairman and Risk Manager.
- September 1998 - August 1999* **Massachusetts Institute of Technology** Cambridge, MA
Langer Labs
Student Laboratory Researcher. Working on methods of extracorporeal removal of b_2 -m, a protein responsible for Dialysis Related Amyloidosis, an incapacitating and unavoidable result of long term hemodialysis. Performed series of experiments researching optimizing protocols in the production and purification of the b_2 -m protein.
- January 1996 - July 1997* **KM Lau & Associates** Honolulu, HI
Aided in most aspects of real estate appraisals. Laid out and graphically replicated plans and dimensions of physical buildings, computer data entry and analysis, cross-referencing MLS listings, delivered complete appraisals to and helped maintain relationships with mortgage brokerages and loan offices.
- Honors/Awards** National Merit Scholar, National Honor Society, USA Mathematical Talent Search Award, AHSME award of distinction, Co-Principal cellist of Hawaii Youth Symphony Orchestra.
- Hobbies/Interests** Surfing, Guitar, Ukulele, Cello, Singing, Roller/ice hockey, Soccer, Basketball, Running

Daniel Levy MIT '02

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Objective

To obtain an intellectually challenging summer internship, preferably in the field of Electrical Engineering or Computer Science.

Work Experience

6/99-8/99 Kyoiku Juku Tutorial Service Honolulu, HI

Tutor

- I taught students in grades 6-12 whatever subjects they needed help with. I usually tutored SAT prep.

2/99-5/99 Massachusetts Institute of Technology Cambridge, MA

UROP

- UROP (Undergraduate Research Opportunities Program. I studied with Professor David Paul in the Department of Materials Science. Our topic of interest was ferromagnetic materials, the magnetization process, and shape memory alloys.

1/99-1/99 Massachusetts Institute of Technology Cambridge, MA

Lab/Technical Experience

- I worked part time in an Electrical Engineering lab for a program designed to introduce students to the field and prepare them for a research job in the spring semester.

Computer knowledge

- My programming skills include one semester of Java applications and applets (JD J Builder). I can also program in Scheme (an older language taught in intro clas at MIT. I am also learning HTML, C, and Javascript.
- I am familiar with PC's and Mac's. Can use applications such as Word, Excel, Matlab. I can learn any program with ample notice.

Education

- 1998-present Massachusetts Institute of Technology Cambridge, MA

- Sophomore, Electrical Engineering and Computer Science, GPA: **5.0/5.0**
- Relevant classes completed at MIT (by June '00)
 - Introduction to Programming (Scheme), Microelectronic Devices and Circuits
 - Introduction to Circuits and Electronics (Lab experience included)
 - Artificial Intelligence, Probabilistic Systems Analysis, Signals and Systems,

Kuo-Chiang Lian

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Objective: To obtain a challenging position in chemical/biological research or consulting.

Education:

Massachusetts Institute of Technology, Cambridge, MA

Candidate for Bachelor of Science in Chemistry with Minor in Music, June 2000.

Courses include: Inorganic Chemistry, Introductory and Intermediate Chemical Experimentation, Biochemistry, Physical Chemistry, Thermodynamics and Kinetics, Organic Chemistry I&II, Advanced Organic Chemistry, Introductory Biology and Lab, Structural Basis of Genetic Material, Problems in Biology: Genetics, Physics I&II, Mechanics and Materials I, Mechanical Engineering Tools, Differential Equations, Multivariable Calculus, Macroeconomics, East Asian History: China, Expository Writing, Writing and Experience, Psychology, Introduction to Western Music, Harmony and Counterpoint I&II

Cumulative GPA: 4.76/5.0

University High School, Normal, IL

Graduated, May 1996, valedictorian

Dr. Martin Luther King Jr. "I Have a Dream" Award, Thomas E. Barger Chemistry Award

Experience:

Massachusetts Institute of Technology, Cambridge, MA

Researcher for the Dr. Herman N. Eisen Group in Immunology (February 1999-present)

– Investigation of cytolytic T cell and MHC Class I protein binding affinity.

Researcher for the Prof. Robert W. Field Group in Laser Spectroscopy (January 1997-June 1998)

– Investigated triplet states of acetylene using laser excitation and electron bombardment

– Designed apparatus for laser experiments

Illinois State University, Normal, IL

Researcher for the Prof. John E. Baur Group in Analytical Chemistry (Summer 1997)

– Designed and performed electrochemical experiments

Bromenn Regional Medical Center, Normal, IL

Student Observer and Volunteer in the Surgical Ward (Summer 1998)

Normal Parks and Recreation Department, Normal, IL

Assistant Coach, Swimming Sharks Swim Team (Summer 1997 and 1998)

Illinois State University, Normal, IL

Technical Assistant in the College of Education Academic Computing Labs (Summer 1996)

– Maintained and managed software, hardware, and local area networks

– Familiar with Windows NT/95/3.X, Office, UNIX, HTML, Adobe Acrobat, Matlab, Pro-Engineer

Activities:

Associate Freshman Advisor (August 1997 to present)

Freshman Orientation Leader (August 1998) and Residence/Orientation Staff (August 1997)

Graduate of MIT Leadershape Institute (May 1998)

Member of MIT Symphony Orchestra (September 1996 to June 1998)

Member of MIT Concert Choir (September 1998 to present)

MIT Logarithms Acapella Group (September 1996-present), Treas. (1997-1998), Director (1999-present)

Nike P.L.A.Y. Corps Basketball Coach (October 1998 to March 1999)

Project Contact Volunteer (November 1997 to present)

Eagle Scout, Troop 19, Boy Scouts of America

CASEY JACOB NELSON MATHISON

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home address:
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- OBJECTIVE** Seeking a summer position in fields relating to Chemistry and/or Environmental Science.
- EDUCATION** **Massachusetts Institute of Technology** Cambridge, MA
Candidate for Bachelor of Science degree in Chemistry with a minor in Environmental Health and Toxicology, June 2002. GPA: 4.8/5.0.
Chemical Experimentation I & II, Organic Chemistry I & II, Inorganic Chemistry, Thermodynamics and Kinetics, Physiological Modeling, Biology/Ecology, Archeological Science, Multivariable Calculus, Differential Equations, Physics I & II, Macroeconomics.
- Maui High School** Kahului, HI
Graduated first in class of 424, June 1998. GPA: 4.272/4.0.
- EXPERIENCE** **KC Environmental Inc.** Makawao, HI
Independent Environmental Consultant, June 1999 to September 1999
Researched and drafted sections of the environmental assessment and conservation district use application for the proposed Maui Faulkes Telescope Facility. Reviewed and analyzed weather data for the summit of Mt. Haleakala, Maui, as part of a U.S. Air Force contract.
- The Boeing Company/Rocketdyne Corporation** Kihei, HI
Internship, September 1997 to March 1998
Processed astronomical data and assisted in the testing of new corporation computer programs which would more accurately track near-earth asteroids and satellites.
- PROJECTS** **University of Hawai'i at Hilo** Hilo, HI
Environmental Studies Program, Summer, 1997
Studied the effects of human impact on the world's ecosystems, focusing on the native ecology of Hawai'i. Explored alternative energy resources and was responsible for publishing a portion of a simulated environmental impact statement. Researched and compiled data on native flora and fauna culminating with a formal presentation of results.
- Maui Baha'i Youth Workshop South Pacific Tour** Kiribati, Tuvalu, the Marshall Islands
Summer, 1996
Performed dances and dramatizations proposing solutions to the issues of alcoholism, domestic violence, racism, gender inequality, etc. Extensive community service was also completed (painted an elementary school, assisted with preschool classes, visited hospital patients, etc.).
- SKILLS** *Computer.* Macintosh, Windows 95 platforms. MS Office, Aldus PageMaker, FastTrack Scheduler.
- HONORS** Toyota Motors National Community Scholar, National Honor Society Scholar (National Winner), National Merit Commended Scholar, Robert C. Byrd National Scholar, National History Day History Channel Award Recipient, American High School Math Exam School Winner, Advanced Placement Scholar, Hawai'i State Student Technology Showcase Speaker, United States Reserve Officers Scholarship Recipient, *Honolulu Star-Bulletin* Super Student, *Honolulu Advertiser* All-State Scholar.
- ACTIVITIES** Lieutenant Governor, Interact (Rotary) Club District 5000, 1997 to 1998. Youth for Environmental Service State Conference, 1997. Member, MHS Soil Conservation & Awareness Team, 1995-1997. Assistant Treasurer, MIT Hawai'i Club, 1999 to present. Volunteer, MIT Project Contact, 1998-1999. District Coordinator, American Heart Association HeartFest, 1998. President, Maui High School (MHS) National Honor Society, 1997-1998. Member/Choreographer, MIT Dance Troupe, 1998 to present. Member, MIT Class of 2002 Social Committee, 1998 to 1999. Captain, MHS Academic Decathlon Team, 1997-1998. Editor-in-Chief, *Malu Nani* (MHS Yearbook), 1997 to 1998.

Gavin S. Miyasato

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Employment Objective I am seeking a technical internship for the summer of 2000 in the field of chemical or biomedical engineering research. My intended major is Chemical Engineering with a minor in Biomedical Engineering. I am still unsure as to the field of study I plan to pursue.

Education **Massachusetts Institute of Technology** **Cambridge, MA**
Candidate for Bachelor of Science Degree in Chemical Engineering, with a minor in Biomedical Engineering, June 2001. Relevant courses include: Chemical Engineering Thermodynamics, Biotechnology and Engineering, Organic Chemistry I&II, and Undergraduate Chemical Laboratory, Polymer Science Lab, Fluid Mechanics, Heat and Mass Transfer, Quantitative Physiology, and Biomaterials and Tissue Interactions.

Proficiencies Computing: C, PASCAL, basic HTML, Windows, Microsoft Office, and other various software and applications.

Experience **Massachusetts Institute of Technology** **Cambridge, MA**
During the summer of 1999, I worked at MIT in a biomedical research laboratory. We were dealing with the problems of transdermal drug delivery -- finding ways to make the skin more permeable to large molecules. After using a combination of ultrasound and different surfactants on pigskin, I measured the electrical conductivity of the skin and assessed the effectiveness of each protocol on increasing skin permeability. I am continuing my research this semester.

University of Hawaii at Manoa **Manoa, HI**
For six weeks, I participated in a National Science Foundation summer program where I worked in a laboratory alongside graduate students in the College of Tropical Agriculture and Human Resources. I formulated and performed experiments measuring the various rates of nitrate seepage through different types of soils. At the end of the program, I presented my results to colleagues and wrote a scientific paper describing and discussing the experiment.

Activities Starter for MIT Varsity Wrestling Team 141 lb. weight class
(SY 97-98 & 98-99)
MIT Hawaii Club
Zeta Beta Tau Fraternity Member

References Available upon request.

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MEALANI NAKAMURA

Objective To gain the experience and education for a career in mechanical design, particularly in the field of biomedical engineering.

Education

1996-present **Massachusetts Institute of Technology** Cambridge, Massachusetts
Candidate for Bachelor of Science Degree in Mechanical Engineering and Minor in Biomedical Engineering; G.P.A.: 4.7; Expected Date of Graduation: June 2000
Includes course work in: C programming, mechanical design, thermodynamics, heat transfer, biomechanics, biomaterials, biochemistry, organic chemistry, and molecular cell biology

1992-1996 **Punahou School** Honolulu, Hawaii
Graduated June 1996, with honors

Experience

Summer 1999 **Division of Bioengineering and Environmental Health, MIT** Cambridge, Massachusetts
Research Position under Professor William M. Deen
Researched new material for a revised Biomedical Engineering graduate class. Performed searches for, read, and wrote summaries about the most recent studies on the following topics: diffusion through the cytoplasm, basal permeability of cell membranes, and cytoplasmic structure.

Spring 1999 **Department of Mechanical Engineering, MIT** Cambridge, Massachusetts
Undergraduate Research Student for Professor Alexander Slocum
Worked on starting a business in waterjet machining. Learned the waterjet machining process: used OMAX software to create drawings and toolpaths, and made sample pieces.

Summer 1998 **Navy Public Works Center, Pearl Harbor** Pearl Harbor, Hawaii
Engineering Intern
Created a database in Microsoft Access with another engineering intern. Wrote instructions and taught workers with little experience (plumbers, electricians, carpenters) how to use the database.

Summer 1997 **GTE Hawaiian Telecommunications, Inc.** Honolulu, Hawaii
Engineering Intern
Worked under telecommunications engineers. Assisted in processing of job requests: deduced appropriate information from archaic sources—hard and electronic out-of-date files—under strict time constraints.

Activities

1999-present **Pi Tau Sigma**: an Honorary Mechanical Engineering Fraternity, Public Relations co-Chair (1999)
1998-present **MIT Women's Varsity Indoor Track Team**
1997-present **Biomedical Engineering Society**, co-vice president (1999-present)
1996-present **MIT Women's Varsity Tennis Team**
1996-present **MIT Hawaii Club**, co-chair for entertainment and decorations for annual luau

Honors/Awards

1998-1999 Voted Most Valuable Player, MIT Women's Varsity Tennis Team
Named All-American

1997, 1999 MIT Straight T Award
Participant in Division III Nationals, Women's Tennis

1996-1997 MIT Freshman Athlete of the Year
Rookie of the Year, New England Division III Women's Tennis

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Nanakuli HI 96792

Anthony M Paris

Objective To learn and obtain knowledge in order to help people to become better stewards of the Earth.

Education **Massachusetts Institute of Technology** Cambridge, MA
Candidate for Bachelor of Science in Environmental Engineering, June 2002

- Courses: Multivariable Calculus, Newtonian Mechanics, Structure and Interpretation of Computer Programs, Circuits and Electronics, Principles of Chemical Science, Differential Equations, Electricity and Magnetism, Probabilistic Systems Analysis, Fundamentals of Ecology, Fluid Mechanics, Thermodynamics and Kinetics

Work experience **NeCsys UROP** Cambridge, MA
MIT Media Lab UROP, February 1998 - Summer 1998

- Upkeep and maintenance of Media Lab Network.
- Testing of state of the art networking medias.

Kamehameha Summer Schools Honolulu, HI
Teaching Assitant, Summer 1998

- Created student database and used publishing tools to create individualized certificates of achievement.
- In charge of maintenance of apple network.

Assisted technology based classes for elementary school children, helped with development of computer literacy through multimedia projects and use of Internet.

Skills Proficient in Macintosh Environment/Networking, Win32 Systems/Networking. Familiar with UNIX/Networking, Microsoft Office, Photoshop. Programming Skills, Pascal, Perl, Scheme and HTML

Honors National Merit Semi-Finalist Who's Who in American High School Students 1997, 1998
AP Scholar All-State Honor Choir

Personal U.S. Citizen, House Manager of Phi Delta Theta Fraternity, MIT Varsity Volleyball. Enjoy nature, swimming, skin diving, and singing.

Steven M. Tobias

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OBJECTIVE To seek a challenging summer internship in materials science and engineering.

EDUCATION **Massachusetts Institute of Technology**, Cambridge, MA 9/98 - Present
Bachelor of Science in Materials Science and Engineering;
Minor in Earth, Atmosphere and Planetary Science expected 6/02.

ACTIVITIES Captain intramural volleyball team; Intramural soccer; Dorm Multimedia Chair;
Living Group Recycling Chair; Student member TSM/ASM societies.

Syosset High School, Syosset, NY 9/94 - 6/98, Graduated High Honors, GPA 99/100.

AWARDS Finalist Westinghouse Science Talent Search (now Intel STS); First Place in Nation
National American History Olympiad; Student Honoree American Academy of
Achievement, Advanced Placement Scholar with Distinction, National Merit
Commended Scholar; Highest Honors New York State Science Talent Search; New
York State Science Supervisors Association Chemistry Award; National Honor
Society; National Spanish Honor Society; Finalist Long Island Science and
Engineering Fair; First Place Navy Science Award for Distinguished Science
Achievement; Finalist Burgdorf Science Research Competition; Finalist Metropolitan
New York Junior Science and Humanities Symposium.

ACTIVITIES President Science Olympiad Team, Three Time Winner Regional Science Olympiad
and Fourth Place New York State Science Olympiad Championship; Captain First
Place Long Island Physics Olympics Team; Scholar Athlete Nassau County
Volleyball Association; Varsity Volleyball Coach's Award; Science Club; Mathletes.

RESEARCH **Francis Bitter Magnet Laboratory, MIT**, Cambridge, MA with Dr. Jagadeesh Moodera.

EXPERIENCE **Fall 1999:** Research Assistant. Investigating gadolinium surface properties with spin polarized
tunneling.

Summer 1999: Research Assistant. Improved lab's photo-etching technique by modernizing the
processing of Cu-Be masks. Supervised four high school students' independent research
projects.

Fall 1998 - Spring 1999: Research Assistant. Tested and analyzed aluminum nitride barriers in
ferromagnetic tunnel junctions which can be used for improving hard drive technology and
for implementation in other memory components.

Summer 1998: Research Assistant. Utilized an Atomic Force Microscope for surface roughness
measurements. Tested and analyzed tunnel junction samples and prepared presentation
graphics.

Summer 1997: Research Intern. Independent research to develop an enhanced response in
ferromagnetic tunnel junctions using an alloy of nickel and iron. Nationally recognized for
my research.

COMPUTER Programming: C, HTML, Pascal
SKILLS Applications: Win95/98, Microsoft Word, Excel, Corel Word Perfect, Corel Draw, Microcal Origin

HOBBIES Tennis, volleyball, basketball, soccer, ping pong, and weather forecasting.

Keith Kalani Wannomae

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Objective:

To obtain a summer internship in the field of computer science and engineering, specifically in information technology and security.

Education:

Massachusetts Institute of Technology, Cambridge, MA 08/98 – Present

Candidate for Bachelor of Science Degree in Electrical Engineering and Computer Science
Classes Taken: Multivariable Calculus, Differential Equations, Physics I, Physics II, Biology I, Chemistry I, Structure and Interpretation of Computer Programs

Kamehameha High School, Honolulu, HI 08/94 – 05/98

Graduated with Honors, 05/94 GPA 3.96 / 4.0

Awards: Theodore Vierra Award for Excellence; AP Scholar with Distinction; KSBE Speech Team Trophy for Speaker of the Year; KSBE SAT/PSAT Excellence Award

Activities: Speech & Debate Team, secretary; National Forensics League; Physics Team, co-president; Junior Engineering Technical Society/TEAMS; Amnesty International; Drama/Theatre Club; Hawaii Club

Experience:

Hawaii State Public Library System, Honolulu, HI 06/95 – 12/95, 06/97 – 01/98

Volunteer worker. I helped the librarians at the Hawaii Kai branch of the Hawaii Library System shelve books, answered questions, and did anything else that was needed around the library.

Kodak Hula Show, Honolulu, HI 06/94 – 08/94, 06/95 – 08/95

Host at one of the largest hula shows in Hawaii. I worked with crowds of over 1,000 people daily, sometimes as many as 3,000. I was given the task of answering common questions and controlling the crowd as people came and left.

Special Skills:

Technical: Familiar with Windows, MacOS, UNIX operating systems; Basic, Pascal, LISP/Scheme programming languages, able to pick up other languages readily; Knowledge of Microsoft Word, Excel, and Powerpoint, WordPerfect, Adobe Photoshop & Pagemaker, MatLab, and many other software titles.

Can type 50-60 words a minute.

Fluent in English and Hawaiian Languages.

References:

Available upon Request