

Nuwong Chollacoop

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EDUCATION

Massachusetts Institute of Technology - Cambridge, MA

Fall 1999 - present

Research group: Laboratory for EXperimental and COmputational Micromechanics (LEXCOM)

Brown University, Bachelor of Science - Providence, RI

Class of 1999

Graduated with Honors and magna cum laude in Engineering (Materials Science major) with an overall GPA of 4.00/4.00

Awarded Domenico A. Ionata Fund Prize and Materials Science Concentration Prize

Elected to Tau Beta Pi as a member in Fall 1997 and a Reporting Secretary in Fall 1998, and Sigma Xi in Fall 1998.

Awarded the Second Place in 1998 National SPRINGS Magazine Technical Writing Contest

Awarded UTRA (Undergraduate Teaching and Research Assistantship) to work on research project

Course work:	Dynamics and Vibrations	Thermodynamics	Physical Chemistry of Solids
	Mechanics of Solids and Structures	Finite Element Analysis	Advanced Mechanics of Solids
	Mechanical Properties of Materials	Projects in Eng. Design	Fundamentals of Materials Processing
	Independent Studies in Engineering	Structure/Properties of Nonmetallic Materials	

The Hotchkiss School - Lakeville, CT

September 1994 - May 1995

Graduated Cum Laude with a Certificate for Outstanding Academic Performance in Mathematics and Physics

EXPERIENCE

Undergraduate Research Assistant - Division of Engineering, Brown University

Summer 1997 - Spring 1999

Worked on project "Hydriding of Titanium" sponsored by the US. Navy Research Office, which resulted in a co-authored paper submitted to the Corrosion'99 conference.

Worked on project, "Fracture Resistance of Al-Mg Alloy along the Grain Boundary at Different Orientations" sponsored by Alcoa (The Aluminum Company of America)

Assisted in project, "Corrosion Behavior of Aluminum-Magnesium Alloy" sponsored by Ford Motor Company

Teaching Assistant - Division of Engineering and Department of Mathematics, Brown University

Assisted students in doing labs for "Dynamics and Vibrations"

Spring 1997

Assisted students in C programming for "Introduction to Engineering Computation"

Fall 1996

Graded students' weekly assignments for "Mechanics of Solids and Structures"

Fall 1998

Conducted a weekly section and office hour for "Intermediate Calculus"

Spring 1998 - Spring 1999

Graded students' exams, quiz and homework for "Ordinary Differential Equations"

Summer 1998

Graded students' weekly assignments for "Linear Algebra"

Spring 1996 - Spring 1999

Technical Support - Miscellaneous Department, Brown University

Assisted students in using over 30 SPARCstations, Division of Engineering

Fall 1996 - Spring 1998

Assisted in various database projects of Division 4, Plant Operation

Summer 1997 - Spring 1999

Trouble-shooting over 20 MacOS workstations at Office of Educational Alliance

Summer 1997

Webmaster - Miscellaneous Organization, Brown University

Designed a web page (URL: http://www.brown.edu/Students/Thai_Student_Association)

Spring 1997 - Spring 1999

Maintained a web page (URL: http://www.brown.edu/Students/Tau_Beta_Pi)

Fall 1998 - Spring 1999

Meiklejohn Advisor - Meiklejohn Advising Program, Brown University

Fall 1996

Peer academic advisor working in conjunction with the faculty to provide academic advising for 8 first year students

SKILLS

Computers

Operating systems: Proficient in UNIX, X Windows, DOS, Windows3.1, Windows9X, WindowsNT and MacOS

Programming Languages: C, Java, JavaScript and Html.

Software: Abaqus, PSpice, Mathematica, Maple, Matlab, Interleaf, FileMaker Pro, Grapher, Word and Excel

Languages: Fluent in Thai