

Andrew Man-Hon Lau

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OBJECTIVE

A summer internship in the field of computer science.

EDUCATION

Massachusetts Institute of Technology Cambridge, MA
Candidate for a Bachelor of Science in Computer Science, June 2000. Course work includes Distributed Algorithms, Contemporary Computer Design, Computer Language Engineering, Computer Systems Engineering, Software Development Lab, Algorithms, Artificial Intelligence, Computation Structures, Probabilistic Systems Analysis, Discrete Mathematics, Law and Ethics on the Electronic Frontier, Signals and Systems, Technical Communications, Interrogative Design, Managerial Psychology.
GPA: 4.9/5.0. (in major), 4.8/5.0 (cum.)

Head-Royce School Oakland, CA
Graduated June 1996. Rank: top ten percent. GPA: 3.97/4.0 on weighted grades. SAT: 1480.

SKILLS

Computer: Java, C, C++, Perl, Visual Basic, SQL, Scheme, Cshell, HTML, Pascal, Linux, Windows 95/98/NT, MacOS, JDBC, Servlets.
Languages: Fluent in English and Cantonese Chinese.

TECHNICAL INTERESTS

Distributed systems, network design, embedded systems, consumer devices, Linux, Java technology.

EXPERIENCE

Inktomi Corporation San Mateo, CA
June 1999-August 1999. Search Development Engineer. Development of distributed cluster automation architecture for production indexing system. Implementation of an asynchronous scalable task acquisition multi-node system. Redesign of internal memory representation of document lexing system.

Microsoft Corporation Redmond, WA
June 1998-August 1998. Program Manager. Design of COM proxy system for Visual Basic runtime. Project design implementation management. Drafting of system specifications, project scope definitions, test parameter designs. Worked with Windows NT and Visual Basic runtime modifications.

IBM / Lotus - Advanced Internet Technology Group Cambridge, MA
September 1997-May 1998. Software Engineer. Development of network visualization application. Design of network utilization and bandwidth traffic visualization. Analyzed potential network optimizations through data replication. Implementation of layout algorithms, distributed computation.

IBM Advanced Internet Technology Group Southbury, CT
June 1997-August 1997. Software Engineer. Development of taxonomy application, categorization management tool in Java. Interfaced application with DB2 database via JDBC. Design of taxonomy, database queue interface, graphical interface. Architected support for over 2 million metadata nodes.

Wind River Systems Alameda, CA
June 1995-August 1996. Customer Support Intern. Designed web driven graphical statistics generation application in Perl and SQL.

HONORS

Eta Kappa Nu member. National Merit Commendation, American High School Mathematics Exam Finalist, American Invitational Mathematics Exam participant, National Advanced Placement Scholar, UC Santa Barbara Math Prize Distinguished Mention, Magna Cum Laude - National Latin Exam.

ACTIVITIES/ INTERESTS

Secretary - Chinese Students Club, Chinese Lion Dance Troop, intramural tennis and hockey teams. Interests include video art, mountain biking and tennis.