John Chilton

CONTACT INFORMATION

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OBJECTIVES

Obtain a challenging job in software development.

EDUCATION

University of Minnesota, Minneapolis, Minnesota USA
Department of Computer Science and Engineering

Masters Degree (M.S.), Computer Science, Fall 2005-present
- Grade Point Average: 4.00 out of 4.00

B.S., Computer Science, 2001-2005
- Graduated with High Distinction
- Minors in Mathematics and Statistics
- Grade Point Average: 3.99 out of 4.00
- Wallin Scholar

HONORS AND AWARDS

Academic Excellence Fellowship, Department of Computer Science and Engineering, Spring 2006

Institute of Technology Teaching Assistant of the Year Award, Spring 2005. Awarded to the top three University of Minnesota Institute of Technology teaching assistants as voted on by Institute of Technology students.

EXPERIENCE

University of Minnesota, Minneapolis, Minnesota USA

Teaching Assistant **Fall, 2003 - Summer 2007**
Duties at various times have included grading, holding office hours, assignment design, and leading discussions and lecturing in both computer lab and classroom settings for groups of students ranging in size from 7 to 120.

Research Assistant - Robotics **Fall, 2005 - Fall 2007**
Worked on various projects as a member of the University of Minnesota Multiple Autonomous Robotic Systems (MARS) laboratory. Including work as part of a grant from NASA to develop a large C++ application for mobile robot localization and mapping using NASA's CLARAty framework.

Research Assistant - College Education **Spring, 2005 - Spring 2007**
Investigated methods of promoting student learning in large college classes. This work is being coordinated by the University of Minnesota Center for Teaching and Learning (CTL). The grant researchers include instructors and teaching assistants from many disciplines and CTL staff.

Bioinformatics Institute Summer Intern **Summer 2004**
As part of the Unversity of Minnesota Bioinformatics Summer Internship program, I developed an easy to use program to preform statistical analysis of gene expression microarray data.

ACTIVITIES

Member of the ACM Programming Team for the University of Minnesota from 2002-2005

COMPUTER SKILLS

- Programming Languages: C, C++, Java, Scheme, Matlab, Haskell, Python, PHP, Common Lisp, Javascript, SQL (MySQL), MPI, R, HTML, CSS, LaTeX
- Operating Systems: Linux/Unix, Windows