

Brian Chan
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Objective: Software Development Engineer Full-Time Position

Education

University of Washington, Seattle, WA

Graduation: June 2014

- Major: Mathematics (BS)
- Dean's List (3.5 GPA or higher) - 2013
- Relevant coursework: Computer Programming I/II, Web Programming, Programming Concepts and Tools, Data Structures, Programming Languages, Algorithms, High-Performance Scientific Computing, Computer Systems, Introduction to Database Systems.

Skills

- Programming languages
 - Proficient: Java
 - Knowledge: C, Ruby, HTML, CSS, PHP, JavaScript, MATLAB, Python, SQL
- Operating Systems: Linux, OS X, Windows
- Other: Eclipse, Git, Shell scripting

Projects

Predicting Baseball Elimination using the Ford-Fulkerson Algorithm

March 2013

- Implemented the baseball elimination algorithm using network flow in Python.

Memory Management Project

March 2012

- Designed, implemented and tested a memory management package with a partner that has the same functionality as the standard library `malloc` and `free` functions in C.

Work Experience

UW - Information Technology, Seattle, WA (Help Desk Consultant)

May 2011 - Present

- Provide technology support to UW faculty and students for Windows/Mac OS X hardware and software, including installations and virus/malware removal.
- Named Help Desk Consultant of the Quarter (Autumn 2011/Autumn 2013).

Roots Homeless Shelter, Seattle, WA (Volunteer)

January 2011 - June 2011

- Volunteered at a homeless shelter by serving and preparing food, washing dishes and setting up the facility for overnight stays.

Activities

Chinese Student Association

September 2010 - Present

Speech and Debate Team

September 2008 – June 2010