

Kyle Wenholtz

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EDUCATION *University of Puget Sound, Tacoma, WA*
Bachelor of Science expected May 2013
Cumulative GPA: 3.77

Majors:

Mathematics, Computer Science

Honors:

Selected into Coolidge Otis Chapman Honors Scholar Program

Upsilon Pi Epsilon Inductee

Relevant Coursework:

Abstract Algebra, Algorithms and Data Structures

Artificial Intelligence, Assembly Language and Computer Architecture

Database Management, Mathematics of Computer Science

Software Engineering

**COMPUTER
SKILLS**

Languages: Java, Python, JavaScript, HTML, MIPS

Software: Sage Mathematics, Eclipse, Emacs

Miscellaneous: Proficient with LaTeX and familiar with
Git and Mercurial source control systems

EXPERIENCE **University of Puget Sound Mathematics and Computer Science Department
Tacoma, WA**

Research Assistant

August 2011 - December 2011

- Prototyped software for tracking student behavior.
- Constructed and maintained a server for database collection of information and visualization component.
- Designed an an instructor interface for real-time, in class, data visualization.

Student Researcher

Summer 2011

- Developed a plugin for the BlueJ IDE to record programmer behavior (in Java).
- Conducted experiments exploring debugging behavior and compile time relationships.
- Presented research at Consortium for Computing Sciences in Colleges Northwestern Regional Conference.

Computer Science Tutor and Grader

Fall 2010 - Present

- Graded assignments for an introductory Java course: submitting error logs, testing results, and written reports.
- Tutored three to six students several hours weekly to assist with various computer science courses.

Mathematical Contest in Modeling

Spring 2011, 2012

Organized by the Consortium for Mathematics and Its Applications

- Collaborated with a team of three to develop software simulations of radio repeater coordination (2011) and river raft trips (2012).
- Wrote and submitted a paper after the allotted weekend of work.
- Attained the Meritorious (top 18%, 2011) and Honorable Mention (top 38%, 2012).