Matthew Bogert

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Education

Bachelor of Science in Computer Science

University of Puget Sound, Tacoma, WA

Minors/Emphasis: Mathematics and Environmental Policy & Decision Making

◆ Dean's List, Fall 2013, 2014

- ◆ Mortar Board National Honor Society
- ◆ Upsilon Pi Epsilon Computing Honor Society

Relevant Coursework: Databases, Software Engineering, Intro to Artificial Intelligence, Operating Systems, Network Programming, Algorithms and Data Structures, Sustainable Business, Principles of Management

Skills

Experienced: Java, XpressO, Agile Development

Intermediate: C, HTML, CSS, Functional Programming, Parallel Programming, Haskell, Javascript, PHP

Beginner/Introductory: SQLite, Prolog, Git Bash, GitHub, Unix, WordPress, Python, Sage, MIPS, IOT

Projects

Museum Climate In a team of four, developed a customized temperature/humidity monitoring system for a

Monitoring: Native American museum. Built sensors, as well as a website to utilize data.

Ethernet Implementation: Developed a multi-threaded 802.11 wired Ethernet implementation for a computer

networking project.

Unibake: As a databases project under a team of four, developed a website for undergraduate

students to bake with other students on their respective campuses.

Work Experience

Human Resources Application Development Intern

Workday, Pleasanton, CA

- Provided reports for the numbers behind numerous corporate metrics to improve accuracy and satisfaction with the executive scorecard system
- Developed data analytics reports for company scorecard metrics (e.g. turnover)
- Wrote both development and system testing code for project, in collaboration with project team
- Improved reporting functionality for executives of various industries

Computer Science Course Assistant

University of Puget Sound, Tacoma, WA

January 2016 – Present

May 2016 – August 2016

Graduation: May 2017

Cumulative GPA: 3.77/4.00

- ◆ Tutor struggling computer science students and grade assignments and labs for computer science courses
- ◆ Facilitate the understanding of object oriented programming, and encourage problem-solving in fledgling computer scientists, ensuring them to feel empowered to complete complex, puzzling assignments
- Grade thirty students' homework assignments and labs, and provide constructive feedback

Foreign Language Department Assistant

University of Puget Sound, Tacoma, WA

September 2014 – Present

- Fulfill administrative duties for professors and supervisors for Hispanic, French, and German studies departments
- Coordinate to successfully address the diverse needs and expectations of three academic departments
- Update/edit department webpage, perform graphic design tasks (e.g. event posters, lectures, and student-led events)

Leadership/Activities

Orientation Leader: University of Puget Sound2014 – 2016Interfaith Event Coordinator: Lighthouse Christian Fellowship2016 – Present