Eugene Oh

Software Dev

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Education:

University of Washington, Seattle WA *Graduation Date: Jun 2019*

BS in Computer Science & BA in Social Work *GPA: 3.56*

Relevant Coursework:

- CSE 332 Data Structures/Parallelism
- CSE 333 Systems Programming
- CSE 344 Databases
- CSE 440 Human-Computer-Interaction

Technical Skills:

Expert:

- Java, HTML, CSS, Git

Experience With:

- Python, C, C++, SQL, MongoDB, JavaScript (Node.js, Express, JQuery), EJS

Experience:

Undergraduate Research Assistant | *UW Foster School of Business* *Jun-Sep 2017*

- Worked with Professor Emily Pahnke and a PhD student to analyze FDA Medical Device data and the relationship between Unicorn firm success/Social media usage.
- Created data-mining programs to gather data from Twitter and the FDA device database.

CSE 120 Undergraduate Teaching Assistant | *Paul G. Allen School of Computer Science & Engineering* *Mar-Jun 2017*

- Planned student-centered sections every week for 35 students, was rated a 4.1/5 in helpfulness at the end of the quarter.
- Executed TA duties including: course design, office hours, grading.

Web Tools Consultant | *UW-IT Learning Technologies* *Sep 2016-Present*

- Lead consultations and workshops to train UW staff/students in Learning Technology Software (Canvas, Catalyst Panopto, Zoom)
- Was recognized for excellent service and communication in customer satisfaction surveys

Projects:

Shelter Map - Website | DubHacks *Oct 2017*

- Created a website for homeless shelters in Seattle to communicate how many spots they have left at their shelter to the public.
- Created the website using: Node.js, Passport.js, Express.js, MongoDB, HTML, CSS, and JQuery.

Twitter-Searcher - Python | Research Project *Jul 2017*

- Created a Twitter-Searcher that goes beyond the 2,000 tweet limit set by the twitter API by using the Selenium library.
- Implemented the searcher to run on multiple threads to maximize efficiency.

Chess Bot - Java | University of Washington *Jan 2017*

- Created a chess bot with a partner that was able to look 7 moves ahead.
- Implemented with a parallel alpha-beta graph search algorithm with killer heuristic and transposition table improvements.

Leadership & Service:

Dream Project High School Lead *Mar 2015-Present*

- Lead a weekly visit to Kent-Meridian HS with UW students, providing college/career mentorship to 100 KMHS students.
- Served as a liaison between Kent-Meridian HS and Dream Project, greatly improving communication and stability.

People's Harm Reduction Alliance Volunteer *Jun 2017-Present*

- Weekly volunteer at the needle distribution site to distribute clean needles and sanitary supplies to clients in the U-District
- Conducted community pickup in order to clean up dirty needles in the community.