

# Rebecca A. Rothschild

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LinkedIn

Highly organized and creative new grad with a solid foundation in Object Oriented Programming and the Software Development Life Cycle seeking a full stack Software Engineer position with a focus in Applications

## EDUCATION

### WASHINGTON STATE UNIVERSITY

Everett, WA

#### **B.S. Full-Time Program, Software Engineering, 3.59 GPA**

December 2020

- Leadership: Secretary of the ACM and former Secretary of the Society of Women Engineers
- Planning the University's first hackathon with fellow ACM officers

### EVERETT COMMUNITY COLLEGE

Everett, WA

#### **A.A. Full-Time Running Start, 3.75 CS Dept GPA**

June 2018

- Honors: President's Recognition for Academic Achievement
- Completed degree while in high school through Running Start Program

## EXPERIENCE

### AVALARA

Seattle, WA

#### **Incoming Software Engineer Intern**

Starting May 2020

### EVERETT COMMUNITY COLLEGE

Everett, WA

#### **Computer Science Tutor**

September 2018 - Current

- Work in the classroom with roughly 25 students taking basic C++ courses to increase their comprehension of key Computer Science concepts. Student drop rate has decreased since the introduction of student tutors.
- Aid students in debugging their program and encourage them to troubleshoot bugs by reviewing the control flow and logic of their programs.

## SOFTWARE PROJECTS

**Personal Website:** <https://rebeccachild74.github.io/Portfolio/> (for additional information and projects)

#### **Traffic Monitoring System Capstone**

- Designed and implementing an API traffic monitoring system that notifies dev teams when API traffic is abnormal within a 10 minute time frame which will reduce the downtime of supported services.
- Collaborating with 5 teammates and one project mentor using Scrum techniques to manage workload while acting as the project liaison and creating meeting agendas to ensure the team is on task and meets all deadlines.

#### **EyeBallin' Navigation Android Application**

- Created a customized algorithm for identifying which direction user is facing and adjusting directions accordingly
- Implemented a JSON parser to populate an internal graph with building's map data

#### **Yelp Desktop Application**

- Designed and implemented a PostgreSQL relational database that successfully maintains over 3 million yelp data entries from the 2013 "Yelp Dataset Challenge." Hosted database on Microsoft Azure Cloud Services.
- Curated a responsive UI with 2 different user portals for business admins and users for their separate use cases.

#### **Spreadsheet Application**

- Designed and implemented a desktop Winform application to create and edit spreadsheets using multiple design patterns. Highlight capabilities include undoing/ redoing actions and saving/ loading spreadsheets.
- Iteratively added functionality to application to meet all the project requirements by the deadline.
- Adhered to a style guide containing over 500 rules to create consistent and readable code.

## SKILLS

- Languages (intermediate): C#, SQL, C++, HTML, CSS (familiar): Java, JavaScript, Python, MIPS assembly
- Tools: AWS (EC2, S3, CICD tools) Machine Learning regression, Linux, Git, NUnit, JUnit, Mockito

## ADDITIONAL

- WSU School of Electrical Engineering and Computer Science Grace Hopper Celebration Scholarship Recipient
- Project Management Professional Training
- Artwork has been featured in a collegiate publication "Vibrations"