

Rebecca A. Rothschild

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LinkedIn

Highly organized and self-starter new grad with a solid foundation in Object Oriented Programming and the Software Development Life Cycle seeking a Full Stack Software Engineer position

EDUCATION

WASHINGTON STATE UNIVERSITY

Everett, WA
December 2020

Major: Software Engineering, B.S (3.65 GPA)

Minor: Mathematics

Coursework: Algorithms, Data Structures, Operating Systems, Software Architecture, Distributed Systems, Testing

Leadership: Secretary of Association for Computing Machinery, Secretary of the Society of Women Engineers

SKILLS

Languages: C#/.Net, Python, Java, C++, SQL, JavaScript, HTML, Ember.js, Node.js, Haskell, MIPS assembly

Tools: AWS, ML, Linux administration, Unix, Jira, Jenkins, Git, NUnit, JUnit, Nightwatch.js, Flask

EXPERIENCE

AVALARA

Seattle, WA
May 2020 – Current

Software Engineer Intern, UI

- Transformed two major parts of app to comply with element identification and automated testing standards by methodically converting over 500 UI element identifying hooks and corresponding tests.
- Upon completion of initial project scope, I continued on to double the amount of work I was expected to finish.
- Clearly documented my methods for completing project to help my team continue related work.

EVERETT COMMUNITY COLLEGE

Everett, WA
September 2018 - Current

Computer Science Tutor

- Work in the classroom with 25 students taking basic C++ courses to increase their comprehension of key Computer Science concepts. CS 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

Traffic Monitoring System Capstone

- Designed and implemented a web-based API traffic monitoring system that notifies dev teams when API traffic is abnormal within a 10-minute time frame to reduce the downtime of supported services.
- Collaborated with 5 teammates and one project mentor using Agile methodologies to manage workload while acting as the project liaison and creating meeting agendas to ensure the team is on task and meets all deadlines.

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 separate user portals for business admins and users for their separate use cases.

Spreadsheet Application

- Designed and implemented a desktop 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.

ADDITIONAL

- ★ WSU School of Electrical Engineering and Computer Science Grace Hopper Celebration Scholarship Recipient
- ★ Planned and hosted the University's first hackathon with Association for Computing Machinery
- ★ Completed Associate's degree while in high school through Running Start Program
- ★ Artwork has been featured in a collegiate publication "Vibrations"