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OBJECTIVE

CS graduate looking for a junior/internship position in Software Engineering. A flexible team-player and a self-starter. Able to learn independently and effectively. Looking to apply my programming background and gain further experience/skills as a professional Software Engineer.

EDUCATION

University of Washington — *Bachelor of Computer Science,* *3.59 GPA* *June 2021*
Mount Tahoma High School — *High School Diploma,* *3.46 GPA* *June 2016*

SKILLS

- Data Structures & Algorithms
- Object-oriented Programming
- Databases (MSSQL, MongoDB)
- Software Engineering Methodology (Agile, Scrum, SDLC's)
- Proficient: JavaScript, HTML, CSS, Java, Node.js, Express.js, React, SQL, Git/GitHub
- Familiar: C, AWS, MongoDB, MSSQL, Kotlin, Sass

PROJECTS

Ourmaps.us, shared map web app:

What I Did:

- Utilized a cloud database (MongoDB Atlas) to store data on users and their pins.
- Created a RESTful API for CRUD operations on user data.
- Created a functional UI for pin viewing/creation and user sign-in/registration.
- Displayed database pin location data onto frontend map.
- Deployed frontend app on GitHub pages and backend service on AWS EB.

What I Learned:

- How to utilize and connect the MERN stack to create a full-stack web app.
- How to create a RESTful web service using Express.js.
- How to use an AWS Elastic Beanstalk environment to deploy a web service.
- React hooks (useState and useEffect) and Fetch requests/responses.
- AWS CodePipeline for CI/CD.

T4G2, Android chat app:

What I Did:

- Practiced Agile development and Scrum with a team of 5 and a client/user.
- Requirements elicitation and analysis.
- Designed the home page, themes, app logo, sign-in, and navigation.

What I Learned:

- Agile methodology and Scrum ceremonies.
- Android navigation, activities, and fragments.

PC Builder, PC part picking Java program:

What I Did:

- Created a relational database on Microsoft SQL Server.
- Created an Entity Relationship Diagram and normalized the database to remove data redundancy.
- Created a Java GUI with Swing and connected it to the database server.

What I Learned:

- Relational databases and normalization using Boyce–Codd normal form.
- SQL statements (DDL and DML).
- How to connect a MSSQL server to a Java program.