

Rowan Wolf Osmon

Software Engineering New Grad, University Of Washington

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SKILLS AND RELEVANT EXPERIENCE

Programming Languages & Databases: Java, JavaScript, C, Python, R, Swift, SQL, NoSQL, Firebase, Node.js with React

Coursework Skills: Object-Oriented Programming, **Data Structures & Algorithms**, Database Design, Quality Assurance

Development Tools: Git, Solidworks (3D Modeling), IntelliJ, VisualStudio, Heroku, Jira, Eclipse

Experience: 5 years management in the automotive field, 10 years of automotive diagnostics and repair, Certified in 3D design

Hobbies: Designing and printing 3D models for use in both work and personal projects, Painting, Improv acting

EDUCATION & COURSEWORK

Bachelor of Science, [University of Washington](#)

Seattle, WA

- Major: Computer Science - 2021- Dec 2023

Associate of Science, [Tacoma Community College](#)

Tacoma, WA

- Major: Computer Science - 2018- 2021

WORK EXPERIENCE

Software Engineer Intern, Full Stack - [Teamwyrk.org](#)

Mar 2023 - Present

- Collaborated with a senior engineer to develop multiple features. Facilitated cloud storage, security, and authentication services through Firebase. Tested completed features and pushed code for review on a weekly basis.
- Fostered cross-functional collaboration by closely working with Technical Program Managers and User Experience teams; contributed to user-centric design, functionality, and feedback sessions, thereby enhancing project output.
- Utilized expertise in Node.js, JavaScript, React, and other tools and languages like IntelliJ, VisualStudio, Git, Heroku, Java, Python, and JavaScript; leveraged Jira for efficient task management, ensuring timely delivery of project features.
- Participated actively in weekly meetings and debriefs, engaged in regular mentorship sessions, and balanced independent work with team collaboration to meet project deadlines; gained experience in Agile Methodology and Scrum ceremonies, experienced in full-stack developer roles.

PROJECTS

Full-stack website project - <https://github.com/grumblefoot/AutomotiveFullStack>

Mar 2023 - Jun 2023

- Collaborated on the design and execution of a full-stack website based on my automotive experiences using Node.js and React, integrated with a personal MySQL server, using Git to control and review workflow, highlighting teamwork and full-stack development expertise.
- Developed detailed software documentation, including an SRS (Software Requirements Specification), ER (Entity-Relationship) diagram, and schema, reflecting a strong understanding of database architecture and design.
- Built a custom API for seamless data communication between the React frontend and MySQL backend, exhibiting advanced skills in API development and data integration.
- Established secure remote access to the MySQL server, enabling effective team collaboration and demonstrating proficiency in server management and user authentication.
- Used Git to ensure all features are reviewed, tested, and working before being pushed to the live site. Adhered to clean code principles as well as comments in code for clarity of intent.

Random Adventure Dungeon Simulator

Jul 2022 - Aug 2022

- Led a full software development lifecycle by conceptualizing, designing, implementing, testing, and maintaining a Java game based on modularity Object-Oriented Programming, along with 2 team members.

LEADERSHIP

Google Developer Student Club, Vice President & Secretary

Sep 2022 - Apr 2023

- Developed strategic partnerships with the Dean of Student Involvement to secure funding for student activities related to Computer Science.
- Managed and facilitated both in-person and online speaker panels and events, while meticulously maintaining records of all club activities, meeting minutes, and providing support to the club president.

CERTIFICATES

- Code academy - Learn Java, Learn Swift, Core Foundations
- SolidWorks - Mechanical Design Associate Certification
- Revit - Fundamentals of Architecture