

Jordan S. Rose

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Education

Southern Oregon University | Ashland, OR

June 2022

Bachelor of Science in Computer Science, GPA 3.24

Skills

Programming: Java, Python, JavaScript, React, HTML, CSS, C, SQL, Go

Platforms: Linux (Ubuntu, Slackware, Debian), Windows

Software: Android Studio, GitHub, Eclipse, VS Code, Firebase, Excel

Communication: Technical reports, instruction manuals, presentations (large and small audiences)

Experience

WalkAshland | Ashland, OR

Jan 2022 – June 2022

Software Developer

A community-oriented organization dedicated to promoting historical insights and local narratives through in-person walking tours and a mobile app.

- Developed a Java desktop application from scratch which eliminated the need for outside developer assistance to create content for the WalkAshland Android app leading to high client satisfaction.
- Enhanced the WalkAshland Android app, integrating 5 pivotal new features and achieving seamless Firebase compatibility. This broadened the app's functionalities and increased user engagement.
- Collaborated effectively in a 2-person team, adopting an Agile approach, which resulted in completing the project 2 weeks ahead of schedule, thereby setting a benchmark for future teams.
- Presented the revamped application and its features to an audience of over 50, encompassing students, professors, and capstone clients from the Southern Oregon area. The presentation was met with abundant positive feedback.

Projects

E-Commerce Website

Jan 2023 – Mar 2023

- Developed the website using React, HTML, CSS, and JavaScript, harnessing the power of React's component-based architecture to deliver a dynamic and responsive user interface.
- Implemented dynamic updates using React's state management, allowing users to see instant changes and feedback without the need for page reloads, fostering a smooth shopping experience.
- Incorporated skeleton loading states, ensuring users perceive faster load times, enhancing user satisfaction, and minimizing potential drop-offs due to perceived loading lags.
- Utilized React hooks and context for efficient state management and component re-rendering, leading to optimal site performance and resource allocation.

Lox Programming Language

Mar 2022 – June 2022

- Engineered the Lox programming language from scratch using Java, showcasing proficiency in language design and adhering to industry standards as presented in a recognized literature source.
- Managed project intricacies such as XML configuration and class generation by proficiently employing tools like Spring Boot and GraphQL, ensuring optimal system performance and resource allocation.
- Synchronized the backend implementation with an Elm-designed front-end webpage, facilitating effortless code entry and execution, leading to a seamless user experience.

Activities

Computer Science Club | Ashland, OR

Jan 2020 – June 2022

- Contributed to team-based coding projects, including a web app and mobile application, refining skills in software development, debugging, and collaborative programming.
- Participated in monthly workshops to deepen knowledge in areas like machine learning, cybersecurity, and cloud computing, resulting in a broader technical skill set and hands-on experience.