Simon Studen

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Driven software developer with experience in full-stack web and mobile app development. Passionate about delivering captivating and intuitive user experiences through technical prowess and creativity.

EDUCATION

Paul G. Allen School of Computer Science and Engineering, *Seattle WA*   *Graduated June 2023*
Bachelor of Science at the University of Washington, Computer Science (CS)

RELEVANT EXPERIENCE

Web and Mobile App Developer, Sporcle, Inc., *Seattle, WA*   *Sept. 2023 – Present*
- o Contributed **over 50** new features utilizing **PHP**, **JavaScript, HTML**, **CSS**, **SQL,** and **React Native**
- o Collaborated with product managers, designers, and other developers to translate implementation details into successful deployment to **millions** of active users
- o Thrived in a dynamic work environment, seamlessly switching between projects while writing clean, maintainable, and scalable code

iOS Engineer Intern, Stealth Startup, *Seattle, WA*   *Mar. 2022 – Jan. 2023*
- o Prototyped a social networking application using **Swift** and **SwiftUI**
- o Developed infrastructure for features such as goal tracking, messaging, and newsfeed
- o Contributed to brand and app design decisions, company objectives, and business development

Software Engineer Intern, Akkompany, *Remote*   *June 2022 – Sept, 2022*
- o Developed in an AI based **Agile** startup environment, directly alongside the co-founders
- o Built a fully automated testing suite for an **Electron** application using **Playwright** and **CircleCI**, substantially decreasing testing, development, and deployment times
- o Authored custom **Node.js** packages for profiling and logging CPU usage of long-running scripts, allowing integration of previously experimental features

ADDITIONAL EXPERIENCE

Computer Science Instructor, Juni Learning, *Remote*   *Dec. 2021 – Oct. 2022*
- o Concurrently mentored six high school students with a focus on **data structures** and **algorithms**
- o Produced personalized lesson plans catered to student skill level and learning pace
- o Debugged student code, providing guiding questions and constructive feedback

PROJECTS

Thrive Web Application   *Jan. 2023 – Mar. 2023*
- o Designed mock-up of productivity-based web application in **Figma**
- o Implemented frontend of the application in **React.js**, including styling, navigation, and overall layout
- o Established continuous integration through **CircleCI** and authored a robust test suite with **Jest.js**

TECHNICAL SKILL AND PROFICIENCIES

- o **Programming languages:** JavaScript, PHP, HTML/CSS, Swift, Python, Java, Kotlin, SQL
- o **Tools/Frameworks:** React.js, Node.js, Xcode, Git, RESTful APIs, VS Code, CI/CD, Bash, PowerShell
- o **Relevant Coursework:** Mobile Software Capstone, Data Structures and Parallelism, Algorithms, Software/Hardware Interface, Software Implementation/Design, Web Programming, Computational Statistics, AI, Software Security, Human-Computer Interaction