Simon Studen

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A Graduating Senior with entry-level experience, including frontend implementation and design at a startup. Passionate about building positive user experiences and increasing access to opportunities in tech.

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

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

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

ADDITIONAL EXPERIENCE

VP of Resources/External Outreach, UW, Software Engineering Career Club   *Sept. 2022 – Present*
- Researched, organized, and distributed resources to mentor and support student career exploration in the field of Software Engineering and related fields
- Recruited speakers at a variety of established software companies.
- Collaborated with club leadership peers to plan events for nearly 50 active members and administered continuous improvements to club infrastructure, organization, and membership involvement

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

PROJECTS

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

TECHNICAL SKILL AND PROFICIENCIES

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