

Suneel Freimuth

suneelfreimuth1@gmail.com • <https://suneel.me> • <https://github.com/SuneelFreimuth>

Work Experience

Oneboard Inc. • <https://oneboard.live> • **Chief Technology Officer, Full-Stack Web Developer**

(August 2020 - September 2022)

- Realtime streaming whiteboard platform with tutoring marketplace
- Manage a team of up to 6 software engineers
- Maintain Google Cloud infrastructure for platform
- Actively develop frontend, server, serverless software

Harmony • <https://harmony.one> • **Software Engineer Intern**

(August 2019 - September 2019)

- Developed automated testing for blockchain API
- Coordinated with other interns to provide tech support to blockchain validator maintainers

Education

University of California, Irvine • Donald Bren School of Information and Computer Sciences • Computer Science & Engineering Major

- Graduating June 2024
- Coursework in Python, C++ programming, discrete mathematics, physics, computer networks, computer graphics

Skills

Full-Stack Web Development

- See <https://oneboard.live> - whiteboard model and rendering, user interface, realtime streaming powered by WebSockets
- See <https://github.com/SuneelFreimuth/vela>, open source server for the Gemini web protocol written in Python
- Proficient in frontend technologies: **React.js, Typescript, Javascript, Webpack**
- Proficient in server, cloud technologies: **Python, Docker, Google Cloud, Node.js, Go, NoSQL**

Systems Programming

- See <https://suneel.me/blog>, blog posts written in Markdown, compiled with **C++** parser
- Coursework in **Java**

Graphics Programming

- See <https://github.com/SuneelFreimuth/pathtracer>, a raytracer written in **Rust**
- Coursework in computer graphics theory, low-level graphics programming with **OpenGL** and **WebGL**

Activities

Undergraduate Learning Assistant • University of California Irvine

(April 2020 - June 2020)

- Certified Learning Assistant in the UCI Certified Learning Assistant Program (CLAP)
- Created supplementary instructional material for discrete mathematics course
- Provided office hours for students and active on class online forum during remote learning due to COVID-19