

RAY SAKANOUÉ

EMAIL: ray.sakanoue@gmail.com PHONE: 818-461-4304

LINKEDIN: <https://www.linkedin.com/in/ray-sakanoue> GITHUB: github.com/cyberay01

EDUCATION

University of California - San Diego

Sept. 2018 - June 2022

B.S. Computer Engineering 2022

Relevant Coursework: Data Structures and Algorithms, Discrete Mathematics, Computer

Organization and Systems Programming, Software Engineering, Advanced Software Engineering;

Major GPA: 3.2

SKILLS

PROGRAMMING LANGUAGES: JavaScript, HTML, CSS, Java, Python, Golang, TypeScript, C, C++, C#

FRAMEWORKS/TOOLS: React, Next.js, Node.js, AWS, ZEIT Now, Git, Unity, Vim, Unix,

Android Studio

EXPERIENCE

Underidea, *Software Developer*

Feb. 2019 - Current

- **Tech Stack:** TypeScript, Next.js, ZEIT Now, React, Node.js, HTML, SCSS
- Actively providing technical support and projects to support large-scale artist collaborations.
- Designing a **full-stack** system implementing the **atomic design** methodology for an official website of a global non-profit creator/artist organization.

myDevices, *Software Engineering Intern*

June 2019 - Mar. 2020

- **Tech Stack:** JavaScript, Docker, Golang, HTML, CSS, Websockets, Graphana
- Optimized and implemented Service Workers to the company's web application as a **Progressive Web Application** to service 36 companies across 5 industries.
- Developed new web pages and mobile versions of web pages required by Google Lighthouse.
- Created a site reliability microservice that reports company's cloud API health and uptime.

UCSD CSE Department, *Student Research Assistant - Frontend Developer*

Mar. 2020 - Oct. 2020

- **Tech Stack:** React, TypeScript HTML, SCSS, SPARQL
- Worked with PhD students to build a demo that shows the functionality of the Brick Schema, a schema they developed for sensors in buildings.
- Built a dashboard to retrieve and display information of sensors registered in buildings.
- Implemented a feature to allow users to add/remove graph components that display Timeseries data plots obtained from a database.

PROJECTS

UCSD Schedule Planner Website (sdschedule.com)

Oct. 2018 - June 2019

Frontend Developer

- **Tech Stack:** Javascript, React, Google Calendar API
- Developed frontend components in collaboration with the designer of the team.
- Implemented a core feature to save generated schedules to the user's Google Calendar through Google's Calendar API.

MyMealMaker

Oct. 2019

Backend Developer

- **Tech Stack:** Java, Amazon Rekognition, Android Studio
- Developed the backend of the app to handle the camera images and the list of ingredients.
- Implemented a core feature to recognize ingredients in images using Amazon Rekognition.

Velocity Raptor

Mar. 2020 - June 2020

Project Manager

- **Tech Stack:** JavaScript, HTML, CSS, Github API
- Managed the project in an Agile style utilizing Github Projects with formatted Issues.
- Organized meetings, allocated/reallocated everyone's tasks, kept in check with their progresses to ensure the team was on a set schedule.
- Coordinated with other team members to reallocate tasks among ourselves when someone had issues with their own tasks.