

# Saim Ahmad

949-878-0257 | [sahmad23@ucla.edu](mailto:sahmad23@ucla.edu) | [linkedin](#) | [github](#)

## EDUCATION

---

### University of California, Los Angeles

Los Angeles, California

Computer Science Student

Sep. 2020 – Present

- CS 33: Introduction to Computer Organization
- CS 180: Introduction to Algorithms and Complexity (IP)
- CS 35L: Software Construction (IP)
- Math 61: Introduction to Discrete Structures

## EXPERIENCE

---

### Bruinwalk - [Website](#)

August 2021 – Present

Full-Stack Engineering Intern

Los Angeles, CA

- Developer working on UCLA's classes, professor, and apartment review website used by over 18k students yearly
- Contributed to the redesign of the entire website written in Django

### Palace Properties

June 2020 – January 2021

Software Engineering Intern

Irvine, CA

- Created a dashboard to streamline the process of organizing incoming reservation requests from customers
- Implemented a draggable kanban board where property managers can update the different statuses of reservations as well as adding important tags such as "Security Deposit Paid", "Payment Needed", and "Paid in Full"
- Made multiple other front end components for property managers to adjust their property info and for clients to view their rented properties

## PROJECTS

---

### Sorting Algorithm Visualizer - [Github](#)

June 2021 – July 2021

- Created a front-end application to visualize many common sorting algorithms such as merge sort, quick sort, radix sort, and more
- Adjustable sorting speed and array size which dynamically changes height to fit within a user's screen
- Built with Reactjs and styled-components

### ZasBot - [Github](#)

July 2021 – Present

- Built a discord bot that scrapes player statistics for the games Valorant and Fortnite
- Saves a discord user's information in Cloud Firestore to let users avoid typing in their in game usernames for each request
- Uses Discord.js to manage user commands, Puppeteer and Axios to retrieve data, and Firebase for API requests

## EXTRACURRICULARS

---

### UCLA Creative Labs

Los Angeles, California

Backend Developer

April 2021 – Present

- Collaborated with the research team to create a Firestore database to conveniently store information about small, local businesses
- Learned XCode, Swift, and Google Firebase to develop the backend for this iOS app
- Wrote and tested a REST API in Swift to efficiently read and write data about local businesses to Google Firebase

### 2021 SharkHacks3, 1st Place - [Devpost](#)

Irvine, California

Participant

August 2021

- Won a Hackathon with more than 250 participants and awarded best use of Google Cloud
- Built with Node.js, React, Typescript, Apollo Client, PostgreSQL, TypeGraphQL, TypeORM, GraphQL, JWT, Google Cloud

## TECHNICAL SKILLS

---

**Languages:** C/C++, Java, JavaScript, HTML/CSS, Swift, Typescript

**Frameworks:** React, Node.js, Next.js, Express.js, Django

**Developer Tools:** Git/Github, Google Firebase, Netlify, Heroku, MongoDB