Ryan Lee

Sunnyvale, CA · (408) 218 4911 · ryanjlee@berkeley.edu · ryazlee.github.io

Education

University of California, Berkeley   **Aug 2017 - May 2021**
- Bachelors in Computer Science | 3.5 GPA
- Technical Coursework: Data Structures, Introduction to AI, Machine Structures, Discrete Computer Security, Mathematics and Probability Theory, Designing Information Devices and Systems

Technical Skills

- Expert: Git, Python, Java, Node, React Native, Selenium, Django, GraphQL, AWS, Postgres, Spring
- Intermediate: Jest, Enzyme, Artificial Intelligence, Neural Networks, Vue, Go, SQL, C, C++
- Learning: Computer Security

Experience

Software Engineering Intern at Better Sports | *Berkeley, CA*   **Jun 2019 - Present**
- Reduced backend database storage space by developing a token invalidation function for removing a user's login token.
- Restructured login and signup UI by integrating a loading splash screen into the front end of a react native application.
- Handled all user sign in errors by displaying an error message to the user if the inputted username or password is incorrect.

Software Engineering Intern at Starbutter AI | *Berkeley, CA*   **Jan 2019 - May 2019**
- Redesigned 4 specialized financial calculator chatbots to have an independent interface for more client and user traffic.
- Built a generic chatbot webhook that allowed non-technical users create user-specified chatbot responses without the need of an engineer.
- Improved code uniformity by integrating a common library with generic features into the chatbot webhooks.
- Updated 5 existing chat bots based on customer specified features using AWS Lambda, Chalice, DynamoDB, and Google Dialogflow.

Software Engineering Intern at Omnivision Technologies | *Santa Clara, CA*   **May 2018 - Aug 2018**
- Increased corporate productivity by designing and integrating 3 web based database management consoles for the marketing and sales departments.
- Wrote various automation testing scripts for testing other web applications functionalities using django automated testing, selenium, and pytest.

Projects

Wrestler's Portal iOS Application   **Jun 2018 - Present**
- Designed an iOS Application to send push notifications to subscribed users to alert wrestlers of upcoming matches/tournaments.
- Used Swift 4 for the frontend, Apple Cloudkit for the database, and Node.js for the backend.

Tab Name Changer Chrome Extension   **Aug 2019 - Sep 2018**
- Launched a chrome extension that allows users to rename tabs to keep all tabs organized and increase productivity.

Extracurricular

CS 61B Academic Intern | *Berkeley, CA*   **Jan 2019 - May 2019**
- Mentored and consulted with Spring CS 61B (Data Structures) students with lecture material and Java by assisting during lab and office hours.