

# Ryan Lee

---

Sunnyvale, CA · (408) 218 4911 · ryanjlee@berkeley.edu · [ryazlee.github.io](https://ryazlee.github.io)

## Education: University of California, Berkeley

- Bachelors in Computer Science | 3.5 GPA | Expected Date of Graduation: May 2021
- 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, ES6, Django, Apple Cloudkit, Pytest, DialogFlow
- Intermediate: GraphQL, AWS, Postgres, Spring, Vue, Go, SQL, C, C++
- Learning: Artificial Intelligence, Neural Networks

## Experience

### Software Intern at Better | *Berkeley, CA* | <https://bettersportsapp.com>

Jun 2019 - Present

- Reduced backend database storage space by developing a token invalidation function for removing a user's login token.
- Restructured login/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 submitted username or password is incorrect.

### Software Intern at Starbutter AI | *Berkeley, CA* | [www.starbutter.com](http://www.starbutter.com)

Jan 2019 - May 2019

- Redesigned 4 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 Intern at Omnivision Technologies | *Santa Clara, CA* | [www.ovt.com](http://www.ovt.com)

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.

### Wrestling Tournament Administration Software

Oct 2017 - Jan 2018

- Applied computer science to wrestling by developing the backend for software to host wrestling tournaments using HTML, an offline server, and Java.

## Extracurricular

### CS 61B Academic Intern | *Berkeley, CA*

Jan 2019 - May 2019

- Mentored and consulted Spring CS 61B (Data Structures) students with lecture material and Java by assisting during lab and office hours.