

# Ryan Lee

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

## Education: University of California, Berkeley

- Bachelors in Computer Science | 3.49 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, React, React Native, Django, Apple Cloudkit, Pytest, DialogFlow
- Intermediate: 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

- Restructured login/signup UI by integrating a loading splash screen into the front end of a react native application.
- Implemented user sign in error handling to alert the user if the inputted 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 systems for the marketing and sales departments.
- Wrote various automation testing scripts for testing other web applications functionalities using django automated testing, selenium, and pytest.

### Marketing Intern at Western Digital | *Newark, CA* | [www.westerndigital.com](http://www.westerndigital.com) Jun 2015 - Aug 2015

- Enabled technical understanding within customer base by creating product overview and support videos using Apple Motion & Apple Final Cut Pro X software programs.
- Practiced creativity by explaining technical concepts through easy-to-understand support videos.

## 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 - Present

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