

Education

- **UC Berkeley** Class of 2018.B.S. in EECS, minor in Japanese

Skills

- Proficient in a variety of programming languages including Python, Go, and Rust.
- Expertise in web backends and containerization technologies.
- Experience building and programming remote controlled robots.

Experience

Dropbox January 2020 — present

Yelp August 2018 — December 2019

- Built developer tools to support sandboxed microservice environments.
- Added VCR record-replay functionality to multi-service test sandboxes, dramatically improving run-time.
- Added test run-time and flake rate metric collection to nearly 200 services.
- Wrote end-to-end testing documentation and tutorials for company-wide use.
- Supervised deployments of Yelp's monolith codebase every two weeks.
- Screened resumes and interviewed new team candidates.

Vivid-Hosting August 2018 — December 2019

- Handled support requests in a part-time role.
- Built a new web interface to manage 200+ virtual machines.

Qualcomm CDMA Technologies May 2015 — August 2015

- Created a testing framework with Google tools to test communication between Qualcomm modems and the Android telephony layer.
- Wrote Java code to test compatibility between Android M and new Qualcomm hardware features.
- Stress tested Qualcomm modem connectivity and throughput.
- Collaborated with a team in India to improve system-wide test coverage.

Qualcomm LABS May 2014 — August 2014

- Operated in a small team to create a semi-autonomous personal mobility device that could be manufactured for under \$500 per unit.
- Procured, tested, and wrote C drivers for various sensors and other robotic hardware.
- Explored computer vision / SLAM methodologies and learned about data filtering and classification algorithms.

Other Involvements

FIRST Robotics Competition Teams 5499 and 5419 February 2015 — present

- Wrote software to control complex robots.
- Taught Berkeley High School students the basics of C++ and robotic control systems.
- Managed team finances, travel logistics, and other organizational aspects of the team.
- 2017 World Championship Winners.