

# Connor Worley

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## Education

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

## Skills

- Proficient in Python, C++, Java, HTML/CSS, JS.
- Strong web backend knowledge.
- Expertise in building and programming remote controlled robots.

## Experience

**Yelp** August 2018 – present

- 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** November 2016 – present

- Handled support requests in a part-time role.
- Built a new web interface to manage 200+ virtual machines.
- Implemented a software-defined GPS system to spoof femtocell site locations.

**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.
- Integrated vendor drivers into our control systems.
- Explored computer vision / SLAM methodologies and learned about data filtering and classification algorithms.

## Other Involvements

**FIRST Robotics Competition Team 5499** February 2015 - 2019

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