

Connor Worley

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Education

UC Berkeley Class of 2018.

B.S in Electrical Engineering and Computer Science.

Minor in Japanese - completed as of Spring 2017.

Skills

- Proficient in Python, Go, Rust, C++, Java, HTML/CSS, JS.
- Expertise in building and programming remote controlled robots.
- Familiar with web technologies including LNMP stack and Django.

Experience

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 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.

San Diego Zoo Global May 2013 - June 2013

- Improved bandwidth usage on SLES servers by creating a local package repository for the data center.
- Installed and configured a Palo Alto Networks firewall box.

Projects

FIRST Robotics Competition Team 5499 February 2015 - *present*

- 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.

Cal Animage Alpha September 2014 - December 2015

- President of UC Berkeley's anime club.
- Previously a club officer in Technology department.
- Added and maintained website functionality using the Django framework.
- Established and documented new website deployment model.