Connor Worley

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Education

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

Skills

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

Experience

Yelp August 2018 – present

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

Vivid-Hosting November 2016 – July 2019

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

Qualcomm CDMA Technologies May 2015 - August 2015

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

Qualcomm LABS May 2014 - August 2014

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

Other Involvements

FIRST Robotics Competition Team 5499 February 2015 - 2019

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