Tony Oliverio

Berkeley, CA

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Education

University of California, Berkeley (Fall 2015-Spring 2019)

Major: Electrical Engineering and Computer Science B.S., Class of 2019
Expected Graduation Date: May 2019
Current GPA: 3.7
Relevant Classes: CS 170: Efficient Algorithms and Intractable Problems, CS 188: Artificial Intelligence, CS 61B: Data Structures, CS 70: Discrete Math and Probability, EE 16A/B: Designing Information Systems I/II, CS 61C: Great Ideas in Computer Architectures

Work Experience

Qualcomm, San Diego, Summer 2017

Software Engineering Intern, Snapdragon Core PCIe Team

- Developed Linux kernel driver for interfacing with hardware emulation board. Wrote Python script to analyze PCIe traffic.

Texas Instruments, San Diego (Low Power RF), Summer 2016

Software Engineering Intern, Bluetooth Low Energy Team

- Designed and developed Python automation frameworks for power consumption testing and Bluetooth SIG certification testing.

Texas Instruments, Santa Barbara (TI-RTOS), Summer 2015

Software Engineering Intern

- Created C/C++ libraries for TI-CC3200 ZumoBot supporting autonomous maneuvers and feedback control via IMU sensors.

Projects

Vor - vorapp.info

- Created an iOS application with Node.JS backend that matched university students together in order to coordinate Uber and Lyft rideshares to and from the airport.

QPong - github.io/zwachtel11/q_pong

- Designed and implemented an IoT platform to track and update the usage of recreational spaces on Qualcomm's campus using a Raspberry Pi, Node.JS back-end, and Angular.JS front-end website.

Dör - github.io/toliv/Dor

- Worked with 3 other team members to design and implement a keycode-based door entry system on an Adafruit IoT board via an Angular.JS front-end webpage and a Node.JS back-end.

Skills

Languages: Python, Java, Node.JS, MongoDB, Javascript, SQL, HTML, CSS, C++, C
Frameworks/Platforms: Heroku, Git, Raspberry Pi, Linux, Mercurial, Solidworks, Arduino

Achievements

- Qualcomm Summer 2017 HackMobile finalist (with QPong)
- 4th place in Google/Yahoo sponsored Berkeley IoT hackathon (with Dör)
- Member of HKN Nu Chapter, UC Berkeley (EECS Honor Society), Fall 2016 - Present
- Marquis Family Honors Scholarship, February 2016 and February 2015
- Cal Alumni Association Leadership Award, June 2015