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Education

University of California – Los Angeles

October 2014 – June 2018

- Pursuing B.S. in Computer Science
- Cumulative GPA: **3.86**
- Relevant Coursework:
 - CS 31 / CS 32 (C++): Intro to Computer Science, Data structures, and Algorithms
 - CS 33 (C): Computer Organization
 - CS 35L (Git, UNIX, C, Python, Bash, Make): Software Construction Laboratory
- Current Coursework:
 - Fall 2015: CS 111 (Operating Systems Principles), Math 61 (Discrete Math)
- Upsilon Pi Epsilon Honor Society (3.5 or higher GPA in CS or related majors)

Skills

Programming languages: C++, C, Java, HTML, CSS, JavaScript, jQuery

Computer applications: Linux, Matlab, Git

Experience

Undergraduate Researcher: UCLA Wireless Health Institute

June 2015 - August 2015

- Developed Matlab code that utilizes NSIM (originally an Auditory Neural Network-based method of measuring speech degradation through phone calls) to measure speech difference.
- Tested the validity of using NSIM as a means to measure speech difference by comparing its results against human perceived results (lab provided these data).
- Enhanced our lab's previous website's user interface to be more visually modern and responsive with HTML5, CSS3, and Bootstrap.

IEEE C3 Project Co-lead: UCLA IEEE Student Branch

June 2015 - Current

- Led a coding club that exposes beginner programmers to build various applications of Computer Science and help them network with peers and upperclassmen.
- Researched and lectured the students on how to build their own personal website.
- Organized weekly coding workshops to teach students essential skills such as Git, Linux, and C++ algorithms.

Projects

Myo-controlled Quadcopter: IDEAHacks 2015

January 2015

- Utilized Myo API to send stream of data from Myo armband to computer serial port.
- Used C to transfer data from Arduino connected to serial port to radio on quadcopter.
- Built on PID controls for stabilizing quadcopter hovering.

OPS Sizable Rodent: IEEE OPS

May 2015

- Designed PCB for IR sensors and wired the sensors, motors, and Teensy MCU together.
- Used C to build line following algorithms to help the mouse escape a walled maze.