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Education

University of California, Los Angeles	**Expected Graduation: June 2017**
B.S. in Computer Science	GPA: 3.3

Relative Coursework:

Computer Organization, Logic Design of Digital Systems, Circuit Analysis, Operating System, Algorithms and Design, Data Structure, Computer Networking

Technical Experiences

Directed Research with Professor Mario Gerla   **Winter 2016 - Present**

- Programed a website to activate a testbed for underwater communication system
- Coded a python script that takes the user's input from the website and runs the underwater data transmission
- Performed in experiments related to underwater communication system

Simpleton Shell   **Winter 2016**

- Implemented an Unix executable that can performs all the normal shell commands
- Programmed a translator program that translates a shell command into its format in Simpleton Shell using C

Micromouse   **Fall 2014 - Present**

- Led a team of four and coordinated their work based on their skills
- Designed a maze solving robot using microcontroller, IR sensor and Arduino
- Developed the software program for micromouse utilizing C and FloodFill Algorithm
- Participated in UCLA Inner Micromouse Competition and won third place

Temperature Sensor with LED Matrix Display   **Winter 2015 – Summer 2015**

- Constructed a LED matrix that could display the temperature
- Soldered 220 Blue LEDs, shift registers and decade counters on a perfboard
- Programed in Arduino a software to control the display unit of the LED Matrix

Basketball Shooting Machine for EE3 at UCLA   **Fall 2014**

- Designed a mini basketball shooting game using breadboard, IR sensor, and LED.
- Developed a LabView program that control the logical operations of basketball gam

Extracurricular Activities

IEEE UCLA Student Branch   **Winter 2015 – Spring 2015**

General Board Member

- Coordinated with four other people to manage the club activities
- Organized All American Micromouse Competition events
- Organized networking activities for Engineering students to explore more about IEEE

Skills & Interests

- Experienced in Arduino , Visual Studio, Xcode and Unix Environment (Linux, Mac OS)
- Experienced in circuit design and soldering skills
- Experienced in Git, Vim, Emacs, SSH, RegEx,
- Proficient in Labview , C, Python, Shell Script and Verilog,
- Proficient in HTML, CSS, Javascript, PHP, MySQL, Apache
- Fluent in English and Mandarin Chinese
- Interests: guitar, basketball, photography, biking and cooking