

## **JAMES Y. LEE**

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### **EDUCATION**

#### **Bachelor of Science in Electrical Engineering, December 2014**

*University of the Pacific, Stockton, CA, transferred in August 2012 GPA: 3.25*

*University of Texas, Austin, TX*

### **SKILLS**

Proficient in programming languages: C, Java, Python, Assembly, and VHDL

Intermediate Linux user

Proficient in AutoCAD

Fluent in Mandarin Chinese

### **RELEVANT COURSES**

Systems Analysis, Random Signals, Communication Systems, Computer Systems and Networks, Digital Signal Processing, Microcontrollers, Advanced Digital Design, Sensor Networks, and Computational Intelligence

### **SENIOR GROUP PROJECT**

Designed and programmed autonomous remote-controlled car. Assembled hardware and wrote software in Arduino interface, Python, and C.

### **WORK EXPERIENCE**

#### **QA Test Team Member**

**January 2014-August 2014**

*Open Networking Laboratory, Menlo Park, CA*

A non-profit organization on the front edge of networking technology, dedicated to the adoption of Software Defined Networking.

- Modified existing test sets to improve quality and increase coverage of the tests.
- Ran nightly tests using Jenkins
- Worked with team and developed business requirements for new high availability tests and received sign-off from management team. Implemented new tests and documented results to ensure high availability of each component in software.
- Tested and isolated problems down to line-level of software code to assist developers
- Learned to use the Agile Software Development process
- Became familiarized with Github version control

#### **General Engineering Student Trainee**

**March 2010 – July 2010**

*Defense Logistics Agency – Federal Government, Tracy, CA*

- Assisted full-time engineers in general maintenance of the facilities
- Trained to use AutoCAD to read and modify drawings for the base
- Measured HVAC output in order to regulate office airflow and reduce heating and cooling costs
- Maintained inventory of old and new energy-efficient light bulbs within facilities to make building more energy efficient

### **COMMUNITY ACTIVITIES AND INTERESTS**

- Volunteered as Sunday school teacher since high school
- Serving as Logistics Officer in church board
- Singing, playing the piano, and taking photos