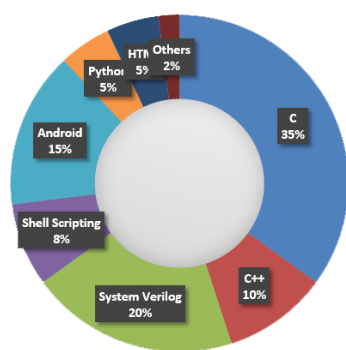


# Changxu (Chauncey) Yan

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## Objective

Seeking an entry level engineer position in embedded systems testing and VLSI/FPGA design, layout. Available for software development engineering jobs.

## Education

Oregon State University  
Bachelor of Science, Electrical & Computer Engineering  
Minor: Computer Science  
Anticipated Graduation: March 2017

Corvallis, OR

## Skills Summary

- ECE: Digital Circuit Design, PCB/VLSI Layout, VLSI design, Microcontroller Programming, System Verilog on FPGA, SPICE simulation, Testing and SMT Soldering
- CS: C/C++, Software Testing, Shell Scripting, Android Developing, Python, Perl, MySQL Database, Matlab, Webpage Design, 3D Modeling
- Quick prototyping utilizing microcontroller/FPGA and 3D printing
- Computer/laptop repairing and network configuration
- Bilingual: fluent in Chinese and English in speaking, reading, and writing

## Relevant Experience

### MECOP internship at Welch Allyn, Inc.

Jun. 2015 to Dec. 2015

R&D department Computer Engineer Intern

- Quick prototyping on several exploration projects using uC/Arduino
- Microcontroller application and programming in Java on PC and Android

### MECOP internship at Mentor Graphics

Apr. 2014 to Sep. 2014

Caliber PEX team Software Testing Intern

- Worked on testing Caliber software and database management
- Linux software development using shell script and Perl

### Projects & Prototyping

Dec. 2013 to Present

- Senior Project: Software define radio frequency receiver for Analog Device, Inc.
- PCB design and layout for Senior Project, Electronics II and other projects
- Portable Bluetooth audio amplifier, Android Bluetooth voltmeter with FPGA
- Quadcopter building, tuning, aerial shooting
- Wastewater treatment plant gas data logger and Arduino controlling system
- Door lock automation with Arduino, Raspberry Pi and Android application.

### Computer Science Teaching Assistant

Oct. 2013 to Apr. 2014

- Taught students in Python 3 and C/C++ during lab sections for half year.

### Professional Photo Editor at Youcan LLC., China

Jan. 2011 to Aug. 2011

- Photo editing for product demonstration using Photoshop

## Volunteering

President of Oregon State University Badminton Club.

Sep. 2012 to Apr. 2014

FTC "Ring It Up" Robotic Tournament field operator

Feb. 2013

College of Engineer 2012/2013 Senior Projects Presentation

Jun. 2012, Jun. 2013