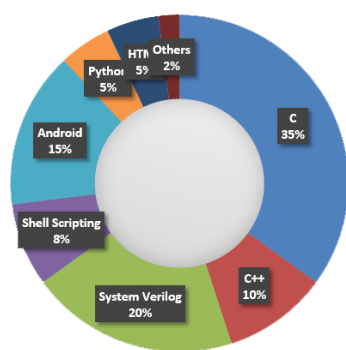


Changxu (Chauncey) Yan

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Corvallis, OR
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yanc
@oregonstate.edu



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

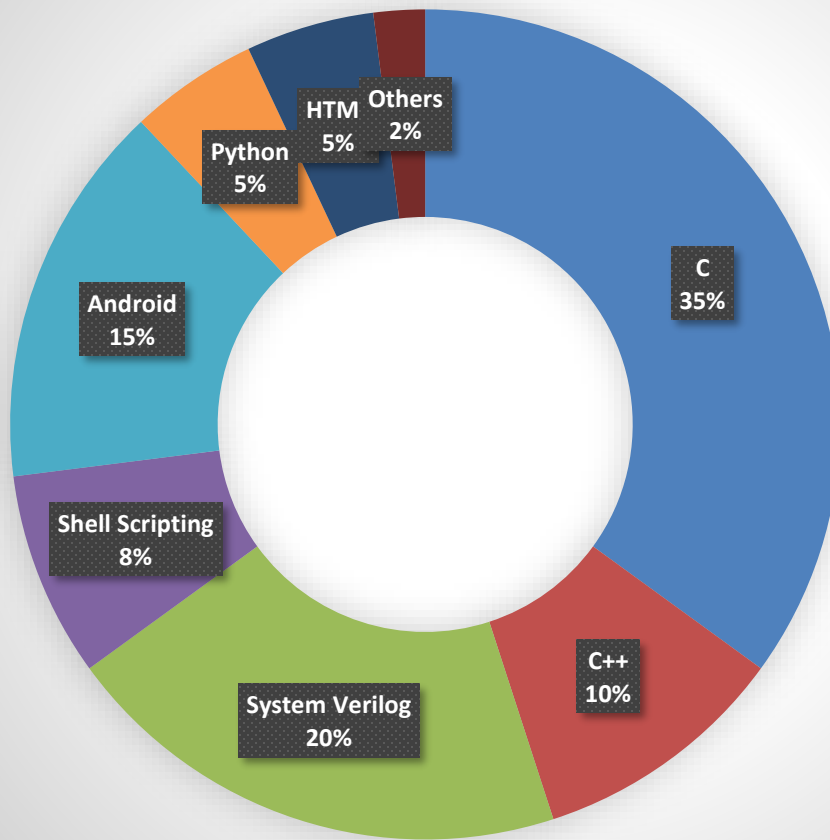
FTC "Ring It Up" Robotic Tournament field operator

Feb. 2013

College of Engineer 2012/2013 Senior Projects Presentation

Jun. 2012, Jun. 2013

%



- C
- C++
- System Verilog
- Shell Scripting
- Android
- Python
- HTML
- Others