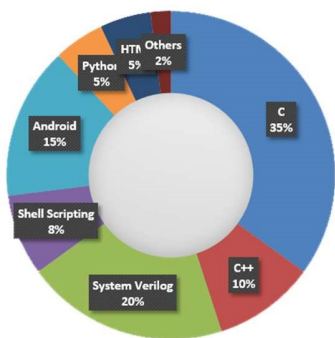


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Objective

Targeting an Internship or Entry-Level Opportunity in software development engineering.
Available for hardware development engineering jobs.

Education

Oregon State University

Corvallis, OR

Bachelor of Science, Electrical & Computer Engineering

Minor: Computer Science

Bilingual: fluent in Chinese and English in speaking, reading, and writing

Graduation: June 2017

Courses Completed:

Operating Systems I/II (C), Assembly Language Programming, Computer Networking, Computer Introduction (C++), VLSI System Design (System Verilog), Energy-Efficient VLSI Design, Microcontrollers System Design (C), Computer Architecture, Multimedia Systems (Linux), Electronic Circuits, Signal and system, Senior Project.

Computer Science Skills

- CS: C/C++, Android Developing, Java
- Shell Scripting, Python, Perl
- HTML/CSS Website Design
- C#, MySQL Database
- Matlab, 3D Modeling

Electrical Engineering Skills

- VLSI Layout with Static Free Electric
- FPGA System Verilog with Quartus II
- PCB Layout with Eagle CAD
- Microcontroller Programming
- SPICEs, SMT Soldering

Relevant Experience

MECOP internship at Mentor Graphics Corp

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

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

Computer Science Teaching Assistant

Oct. 2013 to Apr. 2014

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

Projects & Prototyping

Dec. 2013 to Present

- Portable Bluetooth audio amplifier, Android Bluetooth voltmeter with FPGA
- VLSI 4-bit multiplier and adder using static free Electric
- Senior Project: Software define radio frequency receiver for Analog Device, Inc.
- PCB design and layout for Senior Project, Electronics II and other projects
- 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.

Volunteering

President of Oregon State University Badminton Club

Sep. 2012 to Apr. 2014

FTC “Ring It Up” Robotic Tournament field operator

Feb. 2013

Professional Photo Editor at Youcan LLC., China

Jan. 2011 to Aug. 2011