

Jake Peralta

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Professional Summary

Highly motivated and resourceful individual with strong interpersonal and communication skills. I utilize my background in electrical engineering to improve systems and create positive experiences for consumers on a consistent basis.

Education

GEORGE FOX UNIVERSITY, NEWBERG, OR

April 2018

Bachelor of Science in Engineering
Concentration in Electrical Engineering
GPA: 3.85

Relevant Coursework:

- Electrical Circuit Analysis
- Microprocessor Architecture
- Thermodynamics
- Electrical Signals and Networks
- Digital Logic
- Embedded Systems
- Applications of Electronic Devices
- Electromagnetic Fields and Waves
- Microwave Engineering & Applications
- Digital Signal Processing

Relevant Experience

HoodTech Vision, Hood River, OR

Electrical Engineering Intern

Summer 2015, 2016, 2017

- Responsible for developing, maintaining, and documenting the testing procedures for proprietary, house-designed IR lens
- Developed programs designed to streamline development process using VBA and maintained Parts Library
- Researched and documented printing procedures for Makerbot 3D printer for rapid prototyping
- Designed and tested more than 20 PCB boards for active production and prototyping

Tektronix, Senior Design Project

Electrical Engineer

August - December 2016

- Collaborated with a team of students to design, build, and test a debugging device for automobiles
- Designed a PCB for an integrated ADC board
- Researched plausible technologies that would accomplish satisfy similar customer criteria

Additional Knowledge and Experience

SKILLS

Programming skills in Java, C, and VBA, Microsoft Word, Excel, PowerPoint, Matlab, Eagle, Altium, Solidworks, Windows, interpersonal skills, communication skills, innovative thinking, leadership, problem solving, organizational skills.

AWARDS & HONORS

- Eagle Scout – Boy Scouts of America – 2013
- George Fox University Music Honors Recital – 2015, 2016, 2017

INTERESTS

- Violin Performance
- Analog Speaker Design
- Hiking, Ultimate Frisbee, Boy Scouts