

# Jake Peralta

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## Professional Summary

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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 clients on a consistent basis.

## Education

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### 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, Microwave Engineering and Applications, Digital Signal Processing

## Experience

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### HoodTech Vision, Hood River, OR

#### Electrical Engineering Intern

Summer 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

### George Fox University, Resident Life

August 2016- April 2017

#### Resident Assistant

- Managed a university residence hall floor of 22 diverse undergraduate students
- Lead monthly floor meetings and facilitate events to promote unity and camaraderie amongst the floor
- Provided guidance and support to students who are struggling academically, socially, or emotionally

### 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

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### SKILLS

- Java, C, and VBA
- Microsoft Word, Excel, PowerPoint
- Matlab
- Eagle
- Altium
- Solidworks
- Communication
- Organization
- Innovative Thinking
- Leadership

### AWARDS & HONORS

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