

# Kyle Barton

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## Objective

Enthusiastic third year electrical engineering student looking for a part time job or internship to gain experience that coincides with my field of study.

## Education

### ELECTRICAL ENGINEERING | OREGON STATE UNIVERSITY

- Third year pursuing degree in electrical engineering
- Honors college student, College of Engineering Deans List recipient
- Current GPA: 3.8

## Experience

### ENGINEERING INTERN | OLYMPIC AERO SERVICES | 2018

- Aviation Systems and Equipment Engineering – Developed programming for Automated Flight Following system components including microcontrollers and other wireless communication devices.
- Other assignments included CAD drafting support (Solidworks), FAA certification documentation and manufactured part inspection.

### ELECTRICAL ENGINEERING INTERN | BONNEVILLE POWER ADMINISTRATION | 2017

- Systems Protection and Control – Summer project focused on network communication and power engineering using a serial/TCP comm. device to improve performance of power transmission system.
- Duties included reading large wiring diagrams, working with communication devices, high voltage electrical circuit work, and maintaining government standard compliance.

### DETAILER | OSU MOTOR POOL | 2019

- Worked part time for financial assistance. University offered accommodations to maintain focus on studies. Responsibilities included valeting outgoing vehicles and general office/shop work.

## Skills & Additional Information

### SKILLS

- Experience with C++, Unix, VIM, Verilog, Solidworks/Autodesk, Adobe Suite, MS office, LTSpice
- Competent with soldering, schematics, circuit components, microcontrollers, electrical concepts

### LEADERSHIP

- 7 years in FIRST robotics, CAD team leader, 2-time FRC National Championship participation, National Honors Society, high school and competitive soccer team captain, church youth group

### ADDITIONAL ACTIVITIES

- Active hobbyist building computers, overclocking, tinkering with electronics, and 3d printing
- Enjoy many outdoor activities such as skiing, surfing and hiking