Quinn B. Thompson

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EDUCATION:

Oregon State University   Corvallis, Oregon
Major(s): Computer Science, Electrical/Computer Engineering   Expected Graduation: June 2021
Minor: History
GPA: 3.64 average

WORK EXPERIENCE:

                                                                                                       Salem, Oregon
Garmin   Spring/Summer 2019
Software Development Intern.

Job Description: Worked on GPS receiver software.

- Created a Pseudo-Satellite Signal Generator which generated up to 32 variable signals that GPS receivers would consider to be real satellites.
- Developed a satellite step detector for a GPS receiver by collaborating with a professional engineer.

                                                                                                    Portland, Oregon
Mixzon, Inc.:   Summers 2015, 2016
Software Design Intern.

Job Description: Worked with radio frequency technology.

- In charge of designing and testing a combined program that worked with a spectrum analyzer to sweep a spectrum of frequencies and obtain decibels, EIRP and PRAD.
- Used a 3D design and animation software, Blender, to create precise wave guides to be 3D printed and tested using the developed program.

                                                                                                    Portland, Oregon
Free Geek   Summer 2017
Portland, Oregon. Summer Employee.

Job Description: Data Security Intern.

- Worked with a team to deconstruct devices to find stored data and wipe the contents or destroy the hardware physically.

SKILLS:

Software: Verilog, C / C++ / MFC, Assembly, Visual Basic, Java, Haskell, Javascript, HTML, CSS
Applications: Xilinx, Vivado, Git/Git Extensions, Visual Studio, Eclipse
Hardware: ZC702 Development Board, AD9361 Transceiver, Atmega128