

# Liam Duncan

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- Education**     **B.S. in Electrical Engineering** – *Expected Graduation: Spring 2022*  
**Minor in Computer Science**  
Oregon State University, Corvallis, OR  
GPA- 3.28
- Work Experience**     **Wildland Firefighter** – 6/19 – 9/19  
*GFP Enterprises, Albany, OR*  
Worked over the summer in crews of 20 to suppress wildland firefighters. Participated in extensive safety and technical training to become a certified FFT-2 firefighter.
- Projects**     **PS2 Keyboard Decoder** – 6/19  
Designed a decoder for a PS2 keyboard using SystemVerilog and a MAX10 FPGA board. Program takes binary input from PS2 keyboard and translates it into characters.
- Oregon State Hardware Weekend** – 4/19  
Worked in small groups for a 30-hour design challenge. Our group chose to design a “Whiteboard Roomba” to automatically wipe white boards.
- Computer Skills**     **Programming Languages:** C/C++, Arduino, SystemVerilog  
**Software:** Github, MS Office, LTSpice, Quartus Prime, VS Code, LaTeX  
**Hardware:** Circuit Analysis, FPGA, Soldering
- Clubs**     **Biomedical Engineering Society** - 9/ 17 - 6/18  
*Oregon State University, Corvallis, OR*  
Worked on the BMES design team to develop an affordable bioreactor. Developed designs and researched sensor probes.
- Volunteer**     **K-12 Outreach Family Science and Engineering Night** - 1/18 - 6/18  
Volunteered at different schools in the Corvallis area to introduce engineering science to youth at the K-12 level.