

MARSHAL HORN

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OBJECTIVE

Driven and innovative electrical engineering student, looking for career in testing, controls, or product development.

SKILLS & ABILITIES

Programming: C, Python, Simulink, LabVIEW, Git, GDB, Linux, FreeRTOS
Electronics: PCB design, DSP, A/D conversion, modular testing
Controls: PID, sensors, safety, linear systems

EXPERIENCE

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|-----------------------|---|
| August 2019 – present | Technician, <i>Andrews Cooper</i> <ul style="list-style-type: none">• Wired industrial electrical controls panels according to best-practices• Red-lined documentation and communicated issues to engineers• Assembled machines according to Solidworks drawings and purchase BOM |
| Sept 2014-Sept 2017 | Production Technician, <i>Trimble Inc</i> <ul style="list-style-type: none">• Created and revised process documents, collaborating with process engineers to satisfy quality requirements• Tested incoming and reworked units for proper functioning according to quality control documents• Performed assembly and rework of Trimble tablets with delicate connectors and stringent ingress protection requirements• Trained new employees and audited new production line in Dayton, OH |
| June-Sept 2014 | Assembly Operator, <i>Pettyjohn Electronics</i> <ul style="list-style-type: none">• Soldered, assembled, tested, and repaired high-end guitar pedals• Designed a PCB which decreased labor costs by 60% |

EDUCATION

2018-2020 **BS in ECE, Corvallis, *Oregon State University***