

Ben Jones

Recent college graduate looking to work with microcontrollers, embedded systems, RTL programming, or firmware

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EXPERIENCE

Oregon State University, Corvallis — *IT Technician*

August 2021 - June 2022

Assisted customers in troubleshooting their technical issues, such as installing and updating software, connecting devices to the network and providing access to shared resources. Communicated with customers and coworkers over phone and email. Trained new employees on software use.

Domino's, Corvallis — *Insider*

July 2020 - November 2020

Worked under pressure in a time sensitive environment, making pizzas and taking orders. Stocked the production line.

Pier 1, Beaverton — *Sales Associate*

July 2019 - August 2019

Worked as part of a team working on a store remodel through manual labor and warehouse duties. Followed the display guide.

EDUCATION

Oregon State University, Corvallis — *B.S ECE 3.18 GPA*

September 2018 - June 2022

Earned a Bachelor's of Science degree majoring in Electrical and Computer Engineering, as well as a minor in Computer Science.

PROJECTS

E-ink Room labels — *IoT Device*

E-ink display that connects to an internet database to display the room number and what the room is currently being used for. Designed a microcontroller circuit using an ESP32, and wrote components of the software to drive the display.

SpyderCam — *Three Axis Cable Movement*

A device to move a tool head around in three dimensions using cable suspension. Wrote software to parse machine code, and control motors. Wrote software to turn an image into machine code.

SKILLS

C/C++

Assembly

SystemVerilog

Spice

Microsoft and Google
Suites

Microcontroller
programming

Embedded system
and IoT design

Relevant Courses

System Design with
Microcontrollers

VLSI System Design

Data Structures

Computer
Architecture and
Assembly Language

Operating Systems

CMOS Integrated
Circuits

Senior Capstone

Digital Logic Design

AWARDS

Achieved Eagle Scout
in March 2018.