rOSCOE ambrose

9100 W Sigmont Ln, Boise, ID 83709 · (208) 473-8888

[roscoe.ambrose@gmail.com](mailto:roscoe.ambrose@gmail.com)

# Education

## Bachelor of Science in Electrical Engineering, expected May 2023

*Emphasis in Computer Hardware*

**Boise State University**

Relevant Course Work:

* Microelectronics
* Electromagnetics and Wave Theory
* Signals and Systems
* Digital Systems
* Intro to Electric Circuits
* Circuit Analysis and Design
* Microcontrollers

# Hardware and Software Skills

* **Operating Systems** – Virtual machines, Linux, Windows
* **Web design** – HTML 5, CSS, JavaScript, jQuery
* **Programming Languages** - Python, Java, Assembly
* Hands on experience building and managing computers
* Server file management
* Data analysis
* Translating from and using Binary, Hex, Octal

# Projects

* Set Raspberry Pi up as a “Black Hole” on home network
* Built several desktop computers. Some for personal use and some for others

# Certifications

* Certified IPC Specialist (CIS)

# Work Experience

## **Process Engineer Technician**, Creation Technologies Meridian ID

## July 2021-May 2022, August 2022-Present

* Use CAD data to make programs for production line machinery (Solder, SMT, and Inspection)
* Create oven profiles to ensure proper reflow of all SMT parts
* Diagnose issues with machinery to ensure operators can be as productive as possible
* Work side by side with engineers when circuitry issues arise for a customer’s product

## **DRAM Product Engineer Intern**, Micron Boise ID, May 2022-August 2022

* Write python scripts to automate data pulls and graphing trends in production data
* Communicate and collaborate within and outside of assigned team
* Present in front of groups weekly about technical findings and project updates
* Overcome language and culture barriers to communicate effectively