

# Jacob Murrah

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## EDUCATION

### Auburn University

*Bachelor in Software Engineering*

- GPA: 3.90/4.00                      Major GPA: 4.00/4.00

**Auburn, AL**

*May, 2025*

## Programming Languages and Skills

*Languages:* Python, JavaScript, HTML/CSS, Go

*Technologies:* git, Docker, AWS, PyTest

*Technician/Inventory Skills:* Measuring, Cutting, Assembling, Inspecting, Testing, Storing, Locating

## WORK EXPERIENCE

### Adtran

*Software Engineer Co-op Term 2*

- GitHub App Development
- Python Unit/Integration Testing
- Frontend Web Development
- SQL Analytics/Database Migrations
- Custom Bash Completions

**Huntsville, AL**

*Jan 2024 - May 2024*

*Software Engineer Co-op Term 1*

- Python Unit/Integration Testing
- Network Topology Diagrams
- Radius Server
- GPON Products

*May 2023 - August 2023*

### Integrated Solutions for Systems (IS4S)

*Technician Support*

- Inspected and tested manufactured assemblies.
- Performed a variety of technician tasks such as measuring, cutting, and assembling.
- Updated material requirements planning (MRP) system with work order status.
  - Specified when assemblies were started, finished, or paused.
- Removed foreign objects and debris (FOD) to ensure a clean work area.

**Huntsville, AL**

*January 2021 - August 2022*

*Inventory Support*

- Received purchased goods and verified that goods met purchase criteria.
  - Ensured that received goods matched quantity and part number expectations.
  - Filled out certificates of conformance or nonconformance based on inspection criteria.
- Stored purchased goods in proper inventory locations.
- Created new inventory locations for recently registered parts.
- Located and transferred specified assembly parts to technicians.

*January 2021 - August 2022*

## Personal Projects

### Discord Bouncer (Python)

- Created Discord bot that leverages Stripe payments to assign Discord roles.
- Deployed to Google Cloud using Docker.
- 100% test coverage using PyTest.