

## SKILLS

- Programming Languages: C, C++, F#, Java, JavaScript, Python
- Development Operations: Ansible, Bash Scripting, Docker, Git, GCC, GDB, Linux, NodeJS, VMWare
- Database Management: MongoDB, SQL
- Cybersecurity: Netcat, Wireshar
- Microsoft Office Suite

## WORK EXPERIENCE

### Auburn University PASER Lab

**January 2024 – May 2024**

*Website Developer*

**Auburn, AL**

- Developed a web-based learning tool to help students learn secure coding practices
- Utilized NodeJS, JavaScript, CSS, MongoDB, and HTML to develop working front and back end functionality

### Harbert College of Business Information Technology Services

**August 2023 – Present**

*Student IT Worker*

**Auburn, AL**

- Assist with system administration for Harbert College of Business
- Troubleshoot software and hardware services for faculty and students

### WEGL 91.1 FM

**August 2021 – May 2024**

*Program Director*

**Auburn, AL**

- Managed and scheuled live programming for WEGL FM radio station
- Trained new members on radio hardware and software
- Streamlined initiation process for new members to allow for quicker onboarding and more efficient training

## EDUCATION

### Auburn University, Auburn, AL

**August 2021 - May 2025**

- Bachelor of Software Engineering | 3.6 GPA
- Certificate of Cyber Defense

## PROJECTS

### Digital Forensics

*Student*

- Performed network traffic and packet level analysis with Wireshark to identify user activities and transmitted files
- Analyzed hard drive content to extract deleted and hidden files

### Cyber Threats and Countermeasures Penetration Testing

*Student*

- Identified security vulnerabilities in target network by analyzing host/network communication
- Penetrated target network and escalated privileges by utilizing CVEs and exploiting poor application security
- Compiled effective recommendations to prevent future exploits and secure network services

### Intro to Cloud Computing

*Group Member*

- Collaborated with a group of six to deploy a functional OpenStack deployment for cloud computing use
- Orchestrated server configuration using Ansible and Bash Scripting to create a server network
- Managed OpenStack deployment to allow for public cloud access