

# Cameron Kasprzak

Owens Cross Roads, AL

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[github.com/cameroonk](https://github.com/cameroonk)

## TECHNICAL SKILLS

- Programming Languages: C, C++, Python, Java
- Developer Operations: Ansible, Docker, gdb
- Database Management: MongoDB, SQL

## EDUCATION

**Auburn University, Auburn, AL | Bachelor of Software Engineering | GPA: 3.55**

## 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**

- Provide IT services to Harbert College of Business faculty and students

## PROJECTS

**Small Satellite Program CubeSAT**

- Designed PCB to interface with satellite components
- Wrote Embedded C code for MSP430 Microcontroller

**Operating Systems**

- Built and debugged various functions inside OS/161 kernel to develop a working Operating System
- Tools: gcc, gdb, CentOS, OS/161, VMWare, C

**Computer Architecture**

- Developed and tested a working MIPS Processor Architecture simulation using VHDL
- Tools: ModelSIM, VHDL

**Computer and Network Security**

- Implemented successful binary exploitation attacks
- Tools: gdb, pwntools, Python

**Computer and Network Security**

- Worked in a group to deploy a private cloud using OpenStack
- Tools: Ansible, Docker