Sam Peacock

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LinkedIn GitHub

EDUCATION

University of Cincinnati, Cincinnati, OH — Expected Graduation: May 2026

Bachelor of Science, Computer Science

Certification in Cyber Operations

- GPA: 3.58

Awards

- Dean's List
- Cincinnatus Scholar

SKILLS

C++, C#, C, .NET, Python, SQL, Tableau, VBA, MATLAB, GIT, Mercurial, Java, Dash, Azure AD, React

PROJECTS

Full Stack Web Application

University of Cincinnati, Database Design and Development — January 2024-April 2024

- Created a grocery store website using a Python back end and Dash front end where the user can create accounts as either customer or employee; customers can place orders, browse the store and edit their account information while employees can edit item stock, prices and add new items
- All information is stored in a relational database and that database is manipulated and saved as customers and employees use the page

Personal Portfolio Website

University of Cincinnati, Senior Design — January 2025-April 2025

- Currently developing a responsive Single Page Application using React.js, creating a modular component architecture for maintainability and scalability.
- Managed project deliverables and milestones, utilizing agile methodologies to track progress from initial user stories to the final product launch.

EXPERIENCE

Robotics Software Developer

Fives, Hebron, KY — May 2025-August 2025

- Created an application with a C++ backend and a C# frontend, that allowed customers to test their mandrel placement calibration, decreasing testing and building time during robot construction
- Added ability to view the amount of material needed before a course and ply is run, stopping the robot and alerting operators if there is not enough material on the tow before running, decreasing material waste and operational downtime.

Game Day Systems

Cincinnati Reds, Cincinnati, OH — May 2024-August 2024

- Completed IT support tickets for users, ranging from writing scripts for DevOps to live walkthroughs of ticket solutions, resolving 30+ requests per week
- Assisted in the migration to Microsoft Azure AD, contributing to the smooth operation of a 400-user network

MES Engineer — January 2023-December 2023

Bosch, Charleston, SC

- Added ability to track and live monitor robot crashes, soft impacts, teaching data, torque, and error degree enabling preemptive problem detection, saving roughly $62,000 in repair costs and downtime
- Programmed a scheduled script using Python to pull all type data from all Bosch assembly line stations and created a Tableau visualization for this data, decreasing troubleshooting downtime by 36%