Caleb Gibson

https://cag185.github.io/React-Website/ | 7578130034 | cag185@pitt.edu

Professional Summary

- Computer Engineering Student dedicated to learning and creating projects in the fields of robotics, software development, web-development, embedded systems, automation, and general computer technology.

Education

UNIVERSITY OF PITTSBURGH | EST. DEC 2023 | BA IN ENGINEERING | CUM. GPA 3.0

- Major: Computer Engineering BA
- Minor: Physics
- Related coursework: Systems and Projects Engineering, Signal Processing and Probability, Information Security, Data Structures and Algorithms, Embedded Systems Design, Advanced Digital Design, Computer Networks, Intro to Thermal and Modern Physics

Skills & Abilities

LANGUAGES/SOFTWARE

- Worked with a team to develop a full working Train Simulation Software using React/Node.js
- Developed a responsive portfolio website using React
- Project experience in following languages: C++, C#, C, WPF, Python, MATLAB, VBA, .bat, PHP, SQL, HTML, CSS, JavaScript, VHDL
- Experience in .NET frameworks and React/Node.js
- Git and Git-hosting sites(GitHub/Gitea/Gitlab/Atlassian)
- Experience in Database management, Virtual Machines, remote debugging
- Linux Ubuntu experience, Excel, and Microsoft office apps.

HARDWARE

- Used microcontrollers such as Raspberry Pi, Arduino, Nucleo-64, ESP32, FPGA
- Various projects done on 3D printer/Laser Engraver and CAD design

LEADERSHIP

- Rock Climbing Club board member
- Outdoors Club Climbing and Backpacking chairman

Experience

AUTOMATION LEVEL 2 ENGINEER | SMS GROUP | 07/2021 – 03/2022

- Tested and improved upon software and refactored code.
- Developed software as needed for the Human Machine Interface in application
- Debugged issues in code, routinely created scripts to help automate tasks and organize important data for teammates and upper level employees.
- Exposed to large code bases, learned to navigate through and write/read loosely coupled code to work in conjunction with pre-existing applications and databases.
- Worked with Gitea API to create a script to show relevant data on git issues for current team in excel