


WYATT MARKS

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PROFESSIONAL SUMMARY

Entry-level computer engineer, with an interest in embedded systems, microcontrollers, and cybersecurity. Passionate maker and tinkerer who loves to solve unique problems in elegant ways. Looking to work with new and interesting systems from conception to production.



EDUCATION

Bachelor of Science | Computer Engineering

SOUTHERN ILLINOIS UNIVERSITY – EDWARDSVILLE – 08/2020 – 07/2022

- GPA: 4.0
- Minor in Computer Science

Associate of Arts in Engineering and Associate of Engineering

REND LAKE COLLEGE – INA, IL – 08/2018 – 05/2020

- GPA: 3.71



SKILLS

- C/C++
- Python
- C#
- Java
- SQL
- UART
- PCB Design
- LTSPICE
- PLC/Ladder Logic
- Verilog
- MatLab / Octave
- Leadership / Delegation
- Positive Attitude
- Detail Oriented



PROJECTS

PLC HVAC

- Ladder Logic
- Custom HMI
 - Python
 - MODBUS

Discord Bot

- API Implementations
- Audio Stream manipulation
- Multithreaded
- Always on Linux Container

Desktop PCB Reflow Plate

- ESP32 Controller
 - Solid State Relay
- Web Interface
- Software PID Control Loop



WORK EXPERIENCE

Enertech Global | Engineering Internship | 12/2021 – 07/2022

I was responsible for combining several standalone testing and development frameworks into one consistent, modular python architecture. I was also responsible for creating several new testing frameworks, from hardware PCB design and firmware to the python architecture for use during the manufacturing process. In addition, I was given the task of training new interns and delegating their work.