Jackson H. Martin

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EDUCATION

West Virginia University, Morgantown, WV   Expected: May 2025
Honors Bachelor of Science in Engineering Technology
Minor in Spanish
Overall GPA: 3.0

WORK EXPERIENCE

Saft Batteries, Cockeysville, MD   May 2024 – August 2024
Industrial Controls Engineering Intern

- Performed controls modifications and upgrades on factory equipment
- Diagnosed and repaired interconnected machinery of various ages
- Worked with Ignition Perspective-based SCADA system
- Programmed Ignition Perspective web pages to present SCADA information to non-controls engineers
- Administered OT network
- Worked in hazardous environments requiring PAPR system

WVU Statler IT, Morgantown, WV   November 2023 – May 2024
Technical Intern

- Assisted end users with various IT issues
- Performed computer software and hardware diagnostics
- Managed help tickets
- Performed imaging and check-out on employee and lab computers
- Performed data recovery operations
- Assisted users with Linux, MacOS, and Windows operations

Havtech, Columbia, MD   May 2023 – August 2023
HVAC Controls Technician Intern

- Assembled building automation control panels
- Performed installation of HVAC controls equipment
- Performed check-out on building automation installations
- Installed and integrated lighting automation systems
- Performed diagnostic procedures on HVAC automation systems and networking
- Effectively worked independently as well as in a team
- Programmed HVAC automation controllers

Saft Batteries, Cockeysville, MD   June 2022 – January 2023
Maintenance Engineering Intern

- Maintained and engineered chilled water systems, including chillers, cooling towers, pumps, and automatic water filtration systems
- Programmed and web-developed within a Vykon Niagara-based Building Management System
- Maintained inventory of replacement parts and alternative parts for over 1,000 factory machines
- Closely participated in the migration from one work order/inventory management software to another
- Engineered and built proprietary safety equipment for SO_2 systems
- Assisted in the overall maintenance of three buildings and their machinery

TECHNICAL SKILLS

Programs: SolidWorks (CSWA and CSWP certified), MATLAB, Linux, Niagara N4, MS Office (certified), Proxmox-VE, Windows, Ignition Perspective, SQL, PowerShell, Fusion 360 (incl. CAM)

Other Skills: Self-taught mechanic (vehicles, jet-skis, four-wheelers, etc.), Arc, MIG, and TIG welding, soldering, 3D printing, chilled water HVAC experience (including automatic water filtration systems), enterprise server and network management as a hobby, basic manual machining (lathes and mills), basic CNC machining, ham radio (Licensed Amateur General)