William Matheny

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- Developed coding skills through coursework and internships in computer science and programming
- Proficient in multiple languages including Java, Python, and C++
- Collaborated with a team of developers to design and implement software solutions
- Demonstrated problem solving skills to troubleshoot and resolve coding issues

SKILLS

- Python
- SQLAlchemy
- HTML
- CSS
- Flask
- Java
- GitHub
- Visual Studio Code

EXPERIENCE

NASA IV&V — *Embedded Systems Introduction–Intern*

June 2023 - August 2023

I researched the NASA IV&V facility, presented my findings along with others. I built and coded a small Arduino controlled robot that completed an obstacle course. I also conducted research on Unisf FREERTOS on a Raspberry Pi Pico.

WV Coding Club — *Coding Assistant*

September 2023 - Present

I have been a student member of the West Virginia Coding Club since 2016, and I am now hired on for Staff. As a staff member I prepare lessons for our students that will help them succeed in our coding curriculum. I also act as a mentor to our students answering any code questions they may have.

LEADERSHIP

- Vice President of Ripley High School's FBLA
- Connected the WV Coding Club to Ripley High School
- Selected and went to West Virginia Mountaineer Boys State Camp
- Team Captain of Ripley High School's Robotics team

EDUCATION

Ripley High School, WV

August 2020 - May 2024

I participated on my school's robotics teams as the lead coder. I was also the Vice President of my schools FBLA program for 10th and 11th grade years, where I competed in the category of coding and programming where I have made multiple websites.

CERTIFICATIONS

- Python Development Tech Degree

West Virginia University

August 2024 - Present

 I'm a freshman computers science major.