

Professional Biography: Monica Escobedo Barahona

Contact Info

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Co-Op Experience | EEP Experience

- College Intern, Build Your Own Computer (BYOC) Camp, Springdale, OH (Summer 2025)
 - Taught student (ages 9-17) coding concepts through hand-on lessons in Scratch, Python (beginner & intermediate), and game development
 - Guided students in web design using HTML and CSS, as well as robotics and PC assembly, ensuring each student built and took home a functional computer
 - Collaborated with a team of interns to design and deliver STEM workshops for groups of up to 20 students per week.
 - Inspired students to pursue STEM fields by making technical topics approachable and interactive, receiving positive feedback from both students and parents
- Cloud Security Pre-Apprentice, iQ4 Workforce Development Program (Fall 2024)
 - Worked in a team to analyze cloud security risks and apply the NIST Cloud Risk Management Framework
 - Designed risk mitigation strategies for case studies, earning an industry-recognized credential

Skills/Expertise

- Programming: HTML/CSS, Python, C++, C, JavaScript, Java,
- Software: Visual Studios, IDLE, GitHub, MATLAB, Node.js, Git, React, AWS, Azure, Docker, JupyterLab, Snowflake, Databricks
- Operating Systems: Linux, Ubuntu, Windows
- Office Applications: Microsoft Word, Excel, PowerPoint
- Other: Spanish (Fluent)

Areas of Interest

- Software Development
- Computer Engineering
- Cybersecurity / Cloud Security
- Web Development

Type of Project Sought

- I would be interested in projects like developing applications that solve real problems.
- Designing a robotics or embedded systems project where I program hardware to interact with sensors or users.
- Contribute to a cloud project that implements authentication, secure data transfer, or automated monitoring pipelines
- Develop a full-stack web application with dynamic content, user authentication, and responsive design.