EMMA RIVERA

Junior Network Engineer

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in LinkedIn

PROJECTS

TechAssist

Volunteer

📅 2023

- Provided assistance to elderly community members with technology-related questions or concerns, such as setting up smartphones or using social media.
- Utilized Wireshark and Cisco IOS to diagnose and resolve network issues, achieving a 24% improvement in internet connectivity for elderly community members.
- Organized monthly workshops on cybersecurity awareness, reaching over 100 elderly residents and contributing to a 17% decrease in reported online security incidents.
- Established partnerships with local tech companies, **securing in-kind donations of equipment and resources valued at $5.2k**, enhancing the program's capabilities.

Code Alchemy

Team Member Researcher

📅 2022

- Participated in group research about Programming languages and software engineering practices.
- Introduced CI practices, **reducing code integration time by 4 hours** and ensuring a more seamless development workflow.
- Optimized resource allocation using pfSense, leading to a $1,112 cost reduction in hardware and software expenditures.
- Adapted best practices in software development, resulting in a 22% improvement in code efficiency.

CyberInsight

Attendee

📅 2021

- Attended a seminar on network security, ethical hacking, and cybersecurity trends, incorporating key learnings to practical classwork.
- Implemented seminar insights, resulting in a **24% reduction in response time** to security incidents on personal projects.
- Awarded the "Innovative Solutions Award" for the successful implementation of Puppet in network hardening after the seminar.
- Used the seminar lessons to identify and remedy critical vulnerabilities, enhancing the overall security posture of the university's offical website.

CAREER OBJECTIVE

To leverage my passion for cutting-edge technology and my strong foundation in networking to contribute as a junior network engineer at Epic. Eager to apply my skills in designing, implementing, and maintaining robust network solutions, while continuously expanding my knowledge in the dynamic field of network engineering.

EDUCATION

Bachelor of Arts
Computer Science
Harvard University

📅 2020 - current
📍 Cambridge, MA

SKILLS

- Wireshark
- Cisco IOS
- pfSense
- Cumulus Linux
- Aruba AirWave
- Puppet