

Ruth Penney

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PROFESSIONAL SUMMARY

Driven software engineer with strong leadership and organizational abilities, seeking a role to drive meaningful impact while expanding technical expertise. Committed to advancing in a dynamic career through delivering high-quality results and continuous learning.

EDUCATION

Trevecca Nazarene University

Nashville, Tennessee

Bachelor of Science | Major: Computer Science | Minors: Software Engineering, Cybersecurity

2021-2025

GPA: 3.88/4.0

EXPERIENCE

Network Security Engineer, American Bandwidth, *Remote*

November 2024 – Present

- Lead customer-facing integrations to deploy Hotspot 2.0 on customer access points.
- Manage security compliance in Microsoft Azure and deploy necessary security tools.

Service Technology/EID Intern, GE Healthcare, *Remote*

May 2024 – November 2024

- Developed a data pipeline utilizing Python, SQLite, and Pandas to process and store data from an external API for business case analysis.
- Built an interactive Streamlit application to visualize key metrics from a relational database, enhancing data accessibility and insights.
- Collaborated with cross-functional teams and managed independent tasks, showcasing teamwork and problem-solving abilities.

Radius Site Automation, American Bandwidth, *SWE Capstone Project*

Spring 2023

- Partnered with American Bandwidth to design and deliver a GUI tool for creating RADIUS networks, streamlining network setup, and reducing employee time requirements.
- Utilized Scrum and Agile development practices, PowerShell, Visual Studio, Visual Studio Code, and PuTTY, to automate network creation with customizable Linux command inputs.
- Delivered a software solution that minimized technical skill requirements and improved operational efficiency, addressing a critical client need.

SKILLS

Python (Pandas, NumPy, Matplotlib, FastAPI) • C++ • Java • HTML • CSS • JavaScript • Visual Studio Code • Microsoft Defender for Cloud • Git (Version Control) • Linux • SQL (MySQL, SQLite, PostgreSQL)

EXTRACURRICULARS

NCAA Athlete, Cross Country & Track

August 2021 - May 2025

- Demonstrated discipline, time management, and resilience as a dedicated NCAA athlete, balancing rigorous training and academic responsibilities.

SAAC Representative, Student-Athlete Advisory Committee

August 2023 – May 2025

- Selected to represent the cross country and track team on the Student-Athlete Advisory Committee, advocating for athlete interests and fostering communication with the university administration.
- Organized initiatives promoting athlete welfare, team engagement, and community involvement, including fundraising for the Make-A-Wish Foundation and voting on NCAA rules and policies impacting student-athletes.