Stephen Ender

Harrisonburg, VA • 484-894-3336 • stephenender02@gmail.com • stephenender02.github.io • linkedin.com/in/stephen-ender/

EDUCATION

James Madison University, Harrisonburg, VA   May 2025
Bachelor of Science in Computer Science   GPA: 3.39
Minor: Computational Analytics

PROFESSIONAL EXPERIENCE

Information Technology Intern   May 2022 - August 2022; June 2024 - August 2024
St. Luke's University Health Network, Bethlehem, PA
- Responded to cyber security incidents using Microsoft Sentinel and Microsoft Defender XDR
- Planned, executed, and presented results of phishing attack simulation training for over 10,000 employee accounts
- Prepared Disaster Recovery after action reports
- Investigated threats by writing KQL queries with Microsoft Defender XDR Advanced Hunting

CERTIFICATIONS

- NSTISSI No. 4011 Certification for Information Systems Security Professionals   May 2025
- CompTIA Security+   July 2023
- CompTIA Network+   June 2023

SKILLS

Programming Languages: Python, C, Java, HTML, CSS, JavaScript Ruby, Rust, SQL
Technical Skills: Agile Methodology, Scrum, Microsoft Defender XDR, OpenSSL Cryptography Library, Kali Linux, Wireshark, Web APIs, Application Development, Systems Development, Computer Networking
Additional Skills: Report Writing, Oral Communications, Written Communications, Collaboration, Teamwork, Critical Thinking

CYBERSECURITY PROJECT EXPERIENCE

Ethical Hacking Project and Labs, Cyber Defense (CS458)   January 2025 - May 2025
- Setup penetration testing lab environment with virtual machines, performed vulnerability analysis, and created after-action pen test report document
- Hands-on laboratory experience using Kali Linux performing vulnerability analysis, password auditing, SQL Injection, network reconnaissance and port scanning, enumeration and mapping, cross-site scripting, and firewall and Snort IDS/IPS configuration

Networking Packet Analyzer, Advanced Computer Networking (CS455)   January 2025 - March 2025
- Implemented a simple packet analyzer program that deconstructs a PCAP file into a human readable packet summary

File Encryption Send/Receive, Information Security (CS457)   October 2024 - December 2024
- Developed a program that simulates a secure message send and receive process using the Needham-Schroeder Key-Exchange model

APPLICATION DEVELOPMENT PROJECT EXPERIENCE

SARR Tournament Manager, Application Development (CS343)   March 2025 - May 2025
- Designed and developed a client side tournament manager application with JavaScript, HTML, and Bootstrap CSS
- CRUD functionality with JSON and browser local storage
- Integrated application with OpenWeatherMap and Google Maps APIs

JMUvies, Software Engineering (CS345)   October 2023 - December 2023
- Designed and developed a movie review based social media network with JavaScript, HTML, and CSS
- Integrated *The Movie Database (TMDB)* API with software to display movie information to users
- Backend implemented with Heroku key-value storage

Phi Mu Alpha Sinfonia Website, Personal Project   August 2024 - October 2024
- Developed a website for my fraternity's chapter at JMU
- Successfully integrated Google sheets RESTful API to store and fetch brother directory information

LEADERSHIP ORGANIZATIONS AND COMMUNITY INVOLVEMENT

Secretary of Phi Mu Alpha Sinfonia, Gamma Alpha Chapter, Harrisonburg, VA   March 2024 - May 2025
- Verbal and written communication skills
- Ability to work independently and collaboratively on projects
- Personal and professional growth while working on executive committee and managing chapter resources

JMU Pep Band   October 2021 - April 2025
Marching Royal Dukes   August 2021 - December 2023