

DARLIN DIAZ MUÑOZ

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Summary

I discovered my passion for cybersecurity in my **Security Ethics class**, where learning about **system vulnerabilities** lit something in me. I'm focused on advancing into **penetration testing** and **operational defense** roles. Understanding how and why systems fail inspired me to master how to secure them. Since then, I've gained hands-on experience in **network scanning**, **vulnerability assessment**, and **web application testing**, applying secure coding practices aligned with the **OWASP Top 10**. **CompTIA Security+** certified and currently pursuing an **Associate's in Software Engineering**.

Certifications

CompTIA Security+

Technical Skills

Cybersecurity: Kali Linux, Nmap, Burp Suite, Hydra, Gobuster, Dirb, Metasploit, Web Vulnerability Scanning, Network Enumeration, OWASP Top 10

Languages: Python, Java, HTML/CSS, JavaScript, MySQL, PHP

Developer Tools: VS Code, Eclipse, IntelliJ

Technologies/Frameworks: GitHub, Flask

Projects

Burp ClusterBomb Tools | *Python 3.8+, Burp Suite, SQLi, SSRF, Automation*

- Developed a suite of **Python automation scripts** for **SQL injection enumeration** (boolean, error, time-based) and **SSRF testing** inside Burp Suite using the ClusterBomb payload strategy.
- Implemented **proxy integration**, **logging**, and **error handling** to produce reliable, repeatable outputs for vulnerability testing.
- Automated repetitive pentesting tasks, increasing efficiency and reducing manual payload iterations during web security assessments.
- Maintained full documentation and GitHub repository for **educational and authorized testing**, demonstrating reproducible and modular workflows.

Kouzína Charás | *HTML/CSS, JavaScript, Local Storage*

- Restaurant web app with **interactive menu**, **ordering system**, and **blog module**.
- Used **Local Storage (JSON)** to persist orders, wait times, and preferences.
- Built **filterable menu** and **manager dashboard** for CRUD item management.
- Strengthened **JavaScript-driven UI logic** through one-month collaboration.

For More Projects | 🐾 [darlin883.github.io/Portfolio/](https://github.com/darlin883/Portfolio/)

Education

Thaddeus Stevens College Of Technology

Associates of Computer Software Engineering

Sep. 2024 – May 2026

Lancaster, PA

Work Experience

Computer Software Engineering Student Tutor | Aug. 2025 – Present

- Tutored peers in core programming concepts across Python, Java, and web development.
- Mentored students to strengthen problem-solving, debugging, and cyber awareness skills.