

SUMMARY

Driven Computer Systems Engineering student with a strong foundation in cybersecurity, networking, and software development. Passionate about identifying vulnerabilities, securing systems, and solving complex technical challenges. Experienced in penetration testing, secure coding, and network defense, with hands-on experience using industry-standard tools. Enthusiastic about continuous learning and collaborating on real-world security projects. Seeking opportunities to apply and expand my skills in cybersecurity, ethical hacking, and IT infrastructure security.

CERTIFICATIONS

- CEHPC Ethical Hacking Professional Certification
- Jr Penetration Tester – TryHackMe (Expected: March 2025)
- Penetration Tester – HTB Academy (Expected: March 2025)

PROJECTS

- **Cybersecurity Content Creation & Awareness**

Produced short-form educational videos on TikTok/Instagram; grew an audience of 6K+ followers.

Authored blog articles on Medium about cybersecurity best practices and emerging threats.

- **Secure VPN & Firewall on Raspberry Pi**

Configured OpenVPN and WireGuard to enable secure, encrypted communications for multiple devices.

Set up a firewall (iptables) to enhance local network protection, actively monitoring traffic and simulating potential attacks.

- **Python-Based Secure Password Generator**

Developed an advanced script to generate complex passwords meeting diverse policy requirements.

Utilized best practices in Python for secure, maintainable code.

- **Personal Pentesting Projects**

Performed penetration testing simulations using tools such as Metasploit and Burp Suite in controlled lab environments.

Discovered and documented vulnerabilities

EDUCATION

TecNM

Puebla, Mexico

B.Sc. in Computer Systems Engineering

Expected Graduation in August 2026

- **Relevant Coursework:** Operating Systems, Software Engineering, Data Bases
- Competed in a university-level programming contest using Java, showcasing problem-solving and collaborative skills.
- Participated in HackaTec hackathon with a multidisciplinary team, applying Agile principles to develop a cutting-edge software solution.

TECHNICAL SKILLS

Cybersecurity

- Tools: Nmap, Wireshark, Metasploit, Burp Suite, Hashcat, John the Ripper, Hydra
- SIEM/MISP: Basic familiarity with Splunk, Elastic, MISP
- Monitoring/Alerting: Basic understanding of EDR, IPS, IDS
- Platforms: PortSwigger, Hack The Box, TryHackMe, exploring BlueTeamLabs

Networking & Infrastructure

- TCP/IP, Subnetting, VPNs (OpenVPN/WireGuard), Firewall (iptables)
- Basic Windows Server & Active Directory administration

Programming

- Python, Java, C++, Bash, PowerShell, SQL

Soft Skills

- Self-learning, Collaboration, Problem-Solving, Detail-Oriented, Communication, Time Management, Adaptability

Languages

- English (B2; ITP), Spanish (Native)