

## SUMMARY

---

Motivated Computer Systems Engineering student with a strong foundation in web development, networking, and cybersecurity. I am eager to join Common Ground Security as a Cybersecurity Penetration Testing Intern, contributing to real-world penetration testing projects while enhancing my skills under the mentorship of seasoned cybersecurity professionals. My passion for uncovering vulnerabilities and solving complex challenges aligns with the mission of securing critical systems. I am excited to collaborate on hands-on opportunities in web application and network security.

## CERTIFICATIONS

---

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

## PROJECTS

---

- **Cybersecurity Content Creation & Awareness**

Produced short-form educational videos on TikTok/Instagram; grew an audience of 18K+ 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)