Enrique Francisco Sobrados Burgos

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SKILLS

- Penetration Testing
- Python/Ruby/Bash
- Network Security
- Team Player

- Threat Modeling
- TCP/IP
- Development cycle
- Leadership

- Vulnerability Assessment
- Risk management
- Linux/Windows
- Self-learning

EDUCATION

University of New Mexico (UNM)	Albuquerque, NM
Ph.D. in Computer Science	Anticipated 2027
University of New Mexico (UNM)	Albuquerque, NM
M.S in Computer Science	Anticipated 2025
University of Engineering and Technology (UTEC)	Lima, Peru
Bachelor of Science in Computer Science	12/2023

PROFESSIONAL EXPERIENCE

Cybersecurity Research Assistant   Albuquerque, NM
University of New Mexico   07/2023 – Now
- Performed mobile penetration testing on Android applications and identified weak implementations.
- Researched VPN security issues in South Asia, analyzing regional cyber threats and vulnerabilities
- Automated data collection on top 30 VPN apps used in South Asia, streamlining analysis.
- Built a dynamic analysis infrastructure using Virtual Machines and networks to simulate real-world scenarios.
- Conducted comprehensive analysis of VPN apps, using reverse engineering and transparent proxies.

Security Analyst Internship   Lima, Peru
National Bank   07/2022 – 12/2022
- Managed VPN and web filtering systems, securing access to critical bank resources.
- Conducted research to identify and document security vulnerabilities, offering remediation strategies.
- Streamlined internal processes, improving workflow and resource utilization.
- Provided insights during perimeter security meetings to address emerging threats.
- Evaluated and implemented web filtering and EDR cloud solutions through proof of concepts.
- Generated cryptographic keys for ATMs, ensuring secure financial transactions.

Bootcamp Teacher Assistant   Remote, Chile
Le Wagon   08/2021-12/2021
- Guided students in implementing secure development practices during web development lectures.
- Assisted students in overcoming challenges related to Front-end during lectures, ensuring their understanding of key concepts and practical application.

CERTIFICATIONS

Junior Penetration Tester (eJPTv2), INE Security   04/2024
PEN, SOC, WEB – 100, Offensive Security   10/2023

AWARDS

1st Place TracerFIRE Workshop (CTF), Sandia National Laboratory   12/2023
ACSAC 2023 Student Conferenship   12/2023

EXTRA

- Hack the box player
- Spanish/English/German
- Active Volunteer

References available upon request.