DANIEL HEREDIA ESTRADA

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EDUCATION

Instituto Tecnológico de Parral   **Parral, CHIH**

B.Sc. in Computer Systems Engineering   *Aug 2021 – Dec 2025*

- National Innovation Finalist (TecNM), representing the institution twice with high-impact software projects.
- Strong foundation in computer networks, artificial intelligence methodologies, and full-cycle software development.

PROFESSIONAL EXPERIENCE

AXIS 3D   **Feb 2025 – Present**

E-Commerce Manager   *Parral, CHIH*

- Increased online sales by 50% through strategic product optimization, UI/UX improvements, and digital marketing.
- Redesigned and deployed a secure, scalable online store with modern front-end architecture.

Freelance Pentester   **Jul 2025 – Present**

Bug Bounty & Security Researcher   *Remote*

- Performed infrastructure security audits using Tor and Proxychains to analyze WAF and IDS behavior.
- Developed Python scripts to automate authentication testing and vulnerability discovery.

TecNM & Tourism Parral Projects   **Jan 2025 – Present**

Web Developer & Technical Lead   *Parral, CHIH*

- Developed a responsive tourism platform with SEO optimization and interactive mapping.
- Led the development of a Unity-based animated short film addressing climate change awareness.

ChemData   **Feb 2023 – Aug 2024**

Mobile Application Developer   *Parral, CHIH*

- Designed and developed a mobile application for chemistry students, managing the full software lifecycle.

CERTIFICATIONS

• AI Development – Santander Open Academy

• Cybersecurity & Cloud – Cisco Networking Academy, Carlos Slim Foundation

• Software Development – PHP (OOP), SQL, HTML, CSS, JavaScript (Sololearn, Carlos Slim Foundation)

• Intellectual Property Rights – Mexican Institute of Industrial Property (IMPI)

TECHNICAL SKILLS & LANGUAGES

Languages: Spanish (Native), English (Intermediate – B1)

Programming: Python, PHP, Java, C#, C++, JavaScript (ES6+), SQL, NoSQL

Cybersecurity & Pentesting: Nmap, OpenVAS, Hydra, Maltego, OSINT, Burp Suite, Metasploit, Tor, Proxychains

Tools & Platforms: Unity 3D, Git/GitHub, Visual Studio, Linux, Cisco Networking, Server Administration