Carlos Moreno Hernández

Profesional Profile

Computer Systems Engineer with experience in Data Analysis. Skilled in applying modern technologies and tools to solve complex problems. Strong interest in Web Application Development and Artificial Intelligence.

Contact

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Experience

Secretaría de Gobernación (Ministry of the Interior) — Mexico City, Mexico
Executive Professional, Training and Certification Sub-Directorate **— Mar 2025 – Aug 2025**

- Conducted data analysis and prepared reports tracking training programs for approximately 11,000 staff members across the Ministry.
- Utilized Intermediate–Advanced Excel functions and VBA macros to streamline reporting processes.
- Administered the Professionalization platform hosted on Moodle, including course creation, staff enrollment, and progress tracking.

Social Service Assistant, Training and Certification Sub-Directorate **— Oct 2024 – Feb 2025**

- Processed, reviewed, and validated training certificates to ensure compliance with regulatory requirements for training hours.
- Designed and implemented a Google Forms survey to collect data for the Training Needs Assessment, serving as the foundation for the Annual Training Plan.
- Updated and optimized the online training platform content, including course materials, certificate issuance, and user management for senior staff.

Education

Instituto Politécnico Nacional (IPN) - Escuela Superior de Cómputo (ESCOM) — Mexico City, Mexico
Bachelor's Degree in Computer Systems Engineering
Jan 2021 – Jan 2026 (Expected)

- GPA: 9.22/10 (equivalent to 3.7/4.0)

Certifications

- **Google Data Analytics Specialization** — INROADS, *Jan 2024*
- **First Certificate in English (FCE), Level B2** — Cambridge University, *Dec 2021*
- **DELF A2 French Certification** — République Française, *Jul 2019*
- **Microsoft Office Specialist (MOS) Certification: Word, Excel, PowerPoint 2013 Academic** — *Jun 2017*

Technical Skills

- **Data Analysis Tools:** Intermediate/Advanced Excel, Power BI, Tableau, Kaggle, JupyterLab
- **Programming Languages:** Python, JavaScript, SQL (Intermediate/Advanced), C, C++, Java, R (Basic/Itermediate)
- **Frameworks & Libraries:** Vue.js, Flutter, Node.js, Django, Spring Boot, Swagger
- **Databases:** PostgreSQL, MySQL
- **Cloud & DevOps:** Microsoft Azure, Docker, Git, GitHub
- **Software Architecture & Principles:** S.O.L.I.D. principles, agile methods, software design patterns
- **Other Tools:** Trello, GNS3

Soft skills

- Punctuality, teamwork, and responsibility
- Respect, patience, and perseverance in learning new skills

Languages

- Spanish — Native
- English — B2 (Upper-Intermediate)
- French — A2 (Elementary)