LUIS FERNANDO CRISTERNA

DATA & AI ENGINEERING STUDENT

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SUMMARY

Undergraduate pursuing dual Engineering degrees in Information Technologies & Digital Innovation (on-campus) and Data & AI (online). Basic yet solid foundations in Python, pandas and SQL with a strong interest in international Data Engineering/MLOps. Seeking a 4-month internship in Germany (May–Aug 2026) to apply classroom knowledge, expand technical skills and contribute to a multicultural team.

PROFESSIONAL EXPERIENCE

Help Desk Staff - Corporativo GNH, Mazatlan   **Jun 2024- Aug 2024**
- Resolved 30+ hardware and software tickets weekly.
- Streamlined manufacturing processes, reducing production costs.
- Implemented preventive maintenance strategies.

PROJECTS

Blitz Scan – Web Vulnerability Scanner   **June 2025 - Present**
University of Engineering Process Cohort
- Co-developing chatbot module; integrating OpenAI API and Python to generate automated vulnerability reports.
- Implementing initial LLM fine-tuning pipeline (Hugging Face, pandas) to improve report accuracy.
- Coordinated data ingestion from Nmap, dirsearch and WHOIS outputs into MySQL for unified analysis.

SKILLS

Python (pandas)	Linux CLI	Azure
SQL (MySQL)	Scikit-learn	Git & GitHub
Java, C, C++, Kotlin	TensorFlow	Scrum fundamentals
Bash scripting	PyTorch	

EDUCATION

B. Eng. Information Technology & Digital Innovation   **Aug 2024 - Jan 2028 (expected)**
Universidad Politecnica de Sinaloa, Mazatlan
- Relevant coursework: Programming Fundamentals, Databases, Operating Systems

B. Eng. Data & Artificial Intelligence (Online)   **May 2025 - Sep 2028 (expected)**
Universidad IEU
- Relevant coursework: Probability & Statistics, Machine Learning Basics, Data Ethics

LANGUAGES & CERTIFICATIONS

Spanish (native)
English: C1
German: A2