Laura Andrea Quiroz Ortega

Master's Student in Computer Science

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📍 Lausanne, Switzerland

EDUCATION

Master's in Computer Science — 09/2025 – Present
École Polytechnique Fédérale de Lausanne 🔗 — Lausanne, Switzerland

B. S. in Data Science and Mathematics Engineering — 08/2021 – 06/2025
Tecnológico de Monterrey CEM 🔗 — Mexico State, Mexico
- GPA: 97/100
- Relevant curses: Computational Thinking and Programming (Python), Object-Oriented Programming (C++), Modeling Learning with Artificial Intelligence (Python), Neural Network Design and Deep Learning (Python)

Bachelor Exchange Semester — 09/2024 – 02/2025
École Polytechnique Fédérale de Lausanne 🔗 — Lausanne, Switzerland
- 3rd place Argusa Data Challenge 2024

PROFESSIONAL EXPERIENCE

Data Analysis & Automation Engineer Intern — 01/2024 – 08/2024
Procter & Gamble 🔗 — Mexico City, Mexico
Mapped and automated business processes using Python scripts and APIs to improve efficiency and reduce errors.

Product Supply Data & Analytics Engineer Intern — 02/2025 – 07/2025
Procter & Gamble 🔗 — Mexico City, Mexico
- Developed ML models to improve decision-making and reduce transportation costs.
- Built SQL queries and Power BI dashboards to simplify data access and save employee time.

PROJECTS

Autoavanza 🔗 — 04/2025 – 06/2025
Final Bachelor Semester Project
Streamlit app for Monte de Piedad (Mexico) using OCR, computer vision, and machine learning to classify and validate vehicle documents for car pawning eligibility.

Blockchain Simulator 🔗 — 06/2025
Bachelor Project
Python simulation of a simplified blockchain with wallets, transactions, UTXO management, Proof-of-Work mining, block creation, and an interactive interface.

VOLUNTEERING

Jóvenes Ayudando a Niñas y Niños 🔗 — 2022
Math Tutor

SKILLS

Skill	Level	Skill	Level
Python	████████	Excel	███████
C++	██████	R	█████
SQL	██████	Matlab	█████
Power BI	████		

LANGUAGES

Language	Level	Language	Level
Spanish — Native language	● ● ● ● ●	**English** — TOEFL iBT 110	● ● ● ● ○
Mexican Sign Language — Basic	● ○ ○ ○ ○	**French** — DELF A1	● ● ○ ○ ○