

Raúl Herrera Delgadillo

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PROFESSIONAL SUMMARY

Computer Systems Engineering student at **Universidad Lamar** with a genuine passion for Data Analysis and Software Development. Beyond academic theory, I build practical tools—from simulating bank data analysis with Python to creating interactive web apps with JavaScript. I am dedicated to continuous technical growth and seek a challenging environment where I can translate my curiosity into scalable, real-world solutions.

EDUCATION

2024–2026 **Universidad Lamar, Guadalajara** — B.S. in Computer Systems Engineering (In progress)

WORK EXPERIENCE

September 2022 – May 2023 (8 months) **FlexTronics, Guadalajara** – Technical Operator
Executed strict quality control protocols for 5+ manufacturing lines, ensuring 100% adherence to ISO standards. Optimized operational efficiency in a high-volume environment by reducing equipment downtime by 15% through proactive maintenance checks.

September - December 2025 (Internship) **Nubir, Guadalajara** — IT Intern
Developed and implemented a support chatbot to automate the creation and logging of technical support tickets. This project involved process analysis and basic scripting.

COURSES AND CERTIFICATIONS

2025 – Present **Data Analysis Bootcamp** – TripleTen (In progress)

2023 – 2024 **Master in Coding** – DEV.F

PROJECTS

Bank AI Dashboard (Python) [GitHub Repository](#)
Engineered an interactive Bank Simulation Dashboard using Streamlit, processing a dataset of 10,000+ customer records. Integrated an end-to-end pipeline featuring EDA and a Random Forest model (via Scikit-learn) that achieved 85% prediction accuracy for churn probabilities. Visualized loan insights using Plotly, reducing data interpretation time by 40% for end-users.

E-commerce (JavaScript) [GitHub Repository](#)
Developed a functional E-commerce web application using JavaScript (ES6+), HTML5, and CSS3. Implemented a dynamic shopping cart and product filtering for a catalog of 50+ items, optimizing DOM manipulation to achieve sub-100ms response times. Designed a responsive UI that improved mobile usability scores by 30%.

TECHNICAL SKILLS

Programming Languages	JavaScript , Python, C#, R
Data Analysis	Pandas, NumPy, Matplotlib, Scikit-learn , Jupyter Notebooks
Data Base	SQL (PostgreSQL, MySQL, MongoDB, BigQuery)
Cloud & DevOps	AWS (EC2, S3, RDS), Docker, CI/CD, Linux
Visualization	Tableau, Power BI, Seaborn, Streamlit
Technologies	Git/GitHub, VS Code, Cursor, HTML/CSS, React.Js, Node.js, Django
AI & Automation Tools	n8n, OpenAI Codex, Google Gemini, Anthropic Claude
Languages	Spanish (Native), English (B2), French (A1)

SOFT SKILLS

Communication	Ability to express ideas clearly and effectively, adapting to diverse contexts.
Teamwork	Experience collaborating in academic and personal projects.
Analytical Thinking	Logical approach to identifying and solving problems.
Continuous Learning	Strong commitment to acquiring new technologies and methodologies.