Mariana Zapata Covarrubias

https://github.com/MarianaZapata

Email : mariana.zapata@itam.mx

Mobile : +52-33-1993-8794

EXPERIENCE

- **Kalypso. A Rockwell Automation Business** — Monterrey, Mexico
  Intern — *Since June 2023*
  - Enhanced company-wide Power BI reports displaying booking and financial data by focusing on UX/UI improvements streamlining data analysis for all employees.
  - Played an active role in the principal medical industry project, analyzing bugs, executing comprehensive test cases, and refining functionalities for improved project performance.
  - Contributed to the successful execution of diverse projects, fostering seamless teamwork and knowledge exchange by working collaboratively within cross-functional teams.

- **Deep Dive** — Mexico City, Mexico
  Data Science Intern — *January - November 2022*
  - Contributed to the development of a web scraping software with a focus on calculating inflation, using Python and leveraging data retrieval efficiency.
  - Processed, cleaned, and transformed data to analyze it using Python, contributing to informed investment decisions and the success of an AI model.
  - Showcased effective communication skills by creating comprehensive technical documentation and engaging presentation materials for the projects I completed.

EDUCATION

- **Autonomous Technological Institute of Mexico (ITAM)** — Mexico City, Mexico
  Dual Bachelor of Science in Computer Engineering and Industrial Engineering — *Graduating in 2025*
  - Obtained the Bailleres full scholarship given to best admision test per bachelor   GPA 90/100
  - Two times Academic Excellence Award given to outstanding semestral GPA.

LEADERSHIP / PROJECTS

- **Autonomous Technological Institute of Mexico (ITAM)** — Mexico City, Mexico
  Minor faculty — *January - June 2023*
  - **Dr. Luis Antonio Moncayo's teaching assistant**: Assisting in Quantum Computing investigation.

- **Colmillos Racing Team - Electric karting racing team** — Mexico City, Mexico
  Finance and Administration Manager — *Since January 2022*
  - Directed day-to-day operations to keep the team running.
  - Created financial statements, directed partnerships, and developed plans for the financial goals of the team.

- **Martin Trust Center for MIT Entrepreneurship – EPIC Lab ITAM** — Mexico City, Mexico
  Participant — *June 2022*
  - Learned the 24 steps methodology for developing a startup.
  - Applied the knowledge by building a business plan from scratch and pitching it in front of qualified judges.

COURSE EXPERIENCE

- **Introduction to R** — Mexico City, Mexico
  Course by DataCamp — *August 2022*
  - Gained an understanding of programming with R and its usefulness for statistics analysis.

- **Google Data Analytics Certificate** — Mexico City, Mexico
  Course by Google — *October 2021*
  - Learning the bases of this subject using SQL, Excel, Tableau and R.

SKILLS

- **Programming Languages:**: Java, Python, SQL, LaTeX, HTML, R, MATLAB, C++, CSS & C#.
- **Tech Skills:**: PowerBI, Google & Oracle Cloud, UX Design, Windchill, DevOps & LINDO.
- **Languages**: Spanish (Native), English (Advanced), French (Basic).

SOFT SKILLS

Reliability	**Problem Solving**	**Critical Thinking**	**Adaptability**	**Teamwork**