

JUAN CARLOS MARTINEZ

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EDUCATION

Bachelor of Arts in Computer Science & Economics

Expected: 05/2027

Southwestern University, Georgetown, TX

- GPA: 4.0, Dean's List, Ricardo B. Salinas Pliego – Plantel Azteca Scholarship (full tuition)

EXPERIENCE

Data Analyst Intern

09/2024 – Present

Financial Times, London, UK

- Utilizing data visualization tools to create comprehensive reports and dashboards, enhancing the understanding of key business metrics.
- Applying statistical methods and machine learning techniques to analyze large datasets and identify trends and patterns.
- Extracting, manipulating, and analyzing data from various sources using SQL and other data querying tools.

Software Engineer Intern

07/2024 – 08/2024

Grupo Salinas, Mexico City, Mexico

- Migrated Vue components from monolithic system to microservices-based frontend architecture, improving efficiency of customer account management, resulting in a 25% reduction in processing time.
- Created and managed 10 mock clients in SQL database to conduct testing before deploying changes to production.
- Contributed to development of backend systems in Java, integrating with APIs to provide necessary endpoints for seamless database interaction with new frontend microservices.

Financial Products Assistant – Internship

06/2022 – 07/2022

Banco Azteca, Mexico City, Mexico

- Contributed to proposals for renovation of bank's mobile application, which serves over 10 million users.
- Created and entered information into bank database and used Python libraries to generate graphical reports.
- Learned about the operation of a bank with 18 million customers and the macroeconomics systems used.

SOFTWARE PROJECTS

Pero ¿No Me Hackean? Platform

08/2024 – Present

Personal Website

- Building a full-stack web application using React and Bootstrap to manage student registration, course content, recorded sessions, and educational resources.
- Implementing user management and activity tracking features using SQL database for data storage and analysis.

Personal Portfolio

06/2024 – 08/2024

Personal Website

- Developed a fully responsive personal portfolio from scratch using HTML, CSS, and JavaScript, designed to showcase projects, provide personal information, and enable contact.
- Demonstrated foundational web development skills and self-taught knowledge by implementing interactive features and optimizing the site for SEO.

VOLUNTEERISM & LEADERSHIP

Founder | Pero ¿no me hackean?, Mexico City, Mexico

01/2022 – Present

- Social project dedicated to fostering technological literacy for teachers, providing free courses, live sessions, and resources to over 300 educators, reaching 500,000+ people through social media globally.

TECHNICAL SKILLS

Languages: Spanish (native proficiency), English (advanced proficiency)

Technical Skills: Programming: Java, JavaScript, C, C++, Python, HTML/CSS, SQL; **Frameworks:** React, Vue;

Version Control: Git, GitHub; **Operating Systems:** Linux, Windows, macOS