Santiago Martinez Vallejo

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EDUCATION

Tecnologico de Monterrey – Monterrey, Nuevo Leon / Mexico City   Aug 2021 - June 2025   Overall GPA: 3.7/4.0

B.S. Computer Science and Technology

- **Concentration/Track(s):** Advanced Artificial Intelligence for Data Science   Present - Dec 2024

EXPERIENCE & LEADERSHIP

Teradata | Test Engineer Intern   Sep 2024 - Present

- I collaborate with a group of software engineers and test engineers to develop test infrastructure and test automation for Teradata AI Unlimited product, utilizing tools such as Linux, SQL, and Jenkins.

British American Tobacco | IDT Operations Intern   Jan 2024 - June 2024

- Responsible for supporting the Operations Demand team. Ensure business requirements are translated into technology implementation.
- Reduced +120,000 hours in response times implementing a digitized form for safety procedures.
- Developed 2 more apps (Digitized Facilities Ticket Form, & Digitized Primary Check Procedures) supporting IWS Phase 2 (Digitalization) utilizing Power Automate, Power Apps and Graph API.

Schneider Electric | IT Data Domain Intern   June 2023 - Dec 2023

- Translated business processes into data flow diagrams and data sets for analysis, using dashboards and visualizations.
- Reviewed data discovery, profiling, and ensured data quality, using tools such as Collibra, Informatica, Excel and Pandas. Validated 100% of IT Support and End-User Assets company domains.

PROJECTS

University Learning Sites Remake | Next.js, TypeScript, Tailwind CSS, Figma | Link   Oct 2024 - Dec 2024

- Re-build Tec de Monterrey virtual learning center, which offers a distance education model, accessible, without time and space limitations, focused in information technology subjects.

Mobile Development Social Concentration | Kotlin, Figma   Jan 2024 - Feb 2024

- Social project to develop an Android and IOS mobile app to guide Monterrey citizens and provide them help in different social problematics, developed Android's UI view with Kotlin.

Chatbot Application | TypeScript, React, Node.js, MongoDB, OpenAI, Jest   Feb 2024 - June 2024

- Web app to manage assistance and support to Neoris users, page is controlled by admin users, integrated with a fine-tuned chatbot to answer questions, functionalities to manage account, and visualize page use. Applied double token verification, interceptors, token blacklist, and followed ISO/IEC Standards.

Personal Webpage | Next.js, Tailwind CSS | Link   May 2023 - June 2023

- Designed and developed my webpage to serve as an extension to my CV and as a space for showcasing my skills, blogging and writing about my life.

University Survey Webpage | PHP, HTML, CSS, C#, Unity, MySQL   March 2023 - June 2023

- Interactive web page for my university's student annual survey seeking to increase student participation. The survey forms were integrated in an interactive Unity game, which was embedded in a web page served in PHP.

Arduino Connected to Cloud | Arduino, Firebase, MySQL   Sep 2022 - Dec 2022

- Sensor connected to cloud with Firebase, could be activated or deactivated remotely through a webpage and assistant Alexa. Sensor's activity was stored in MySQL.

SKILLS

Languages: Fluent in Spanish (native) and English (C1), Beginner Proficiency in French

Soft Skills: Teamwork, adaptability, communication, emotional intelligence, active listener

Programming Languages: Comfortable with Python, TypeScript, JavaScript, Java, HTML, CSS and SQL

Frameworks / Dev Tools: React, Next.js, NestJS, Tailwind CSS / Linux, Linux Shell Scripting, Git, Jira, Figma