

Santiago Martinez Vallejo

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EDUCATION

Tecnologico de Monterrey – Monterrey, Nuevo Leon / Mexico City	Aug 2021 - June 2025
B.S. Computer Science and Technology	Overall GPA: 3.7/4.0
- Concentration/Track(s): Software Development and Design	

EXPERIENCE & LEADERSHIP

Schneider Electric IT Data Domain Intern	June 2023 - Dec 2023
- Translated business processes into data flow diagrams and data sets for analysis, using robust 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	
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	
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	

PROJECTS

Personal Webpage React, Node.js, Express, MongoDB	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	
Blog App MongoDB, Express, React, Node.js, Tkinter	Oct 2023 - Jan 2024
- App where users can register, and post blog cards with real time updates, account management functionalities and multiple API integrations	
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	
Chatbot Application TypeScript, React, Node.js, MongoDB, OpenAI, Jest	Feb 2024 - Present
- 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, token blacklist configuration, and followed ISO/IEC Standards	

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, Kotlin, TypeScript, JavaScript, HTML, CSS knowledge in SQL

Frameworks/Packages and Dev Tools: React, Node.js, Git Version Control, Jira