

FRANK MEDIAVILLA

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EDUCATION

Florida International University BS Computer Science <i>GPA: 3.75 (Magna Cum Laude)</i>	Miami, FL Aug 2021 - May 2025
Coursework: Programming II, Data Structures, Artificial Intelligence, Database Management, Statistics I	

CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Bloomberg Market Concepts (BMC) Gained proficiency in financial markets analysis, Bloomberg Terminal functionality, and core concepts like economics, fixed income, and equities.	Bloomberg Jan 2025
Blackstone Diverse Innovator's Program Selected for Blackstone's Diverse Innovator's Program, gaining insights into fintech and investment strategies through workshops and networking.	Blackstone April 2024
Google Data Analytics Certificate Completed eight courses including hands-on, practice-based assessments which further taught me how to prepare, process, analyze, and share data for thoughtful action.	Google Dec 2024
FIU Blockchain and Cryptocurrencies Micro-Credential Learned about the blockchain and cryptocurrency, as well as their applications in supply-chains, smart contracts, and decentralized market trading and investing.	Florida International University Feb 2025

EXPERIENCE

Invisible Technologies <i>Audio Agent Evaluator</i>	Ecuador (Remote) May 2026 - Ongoing
- Evaluate conversational AI agents by assessing comprehension, response quality, task completion, and adherence to business rules. - Audit JSON tool-call outputs to identify hallucinations, parameter errors, workflow failures, and compliance issues. - Validate tool selection, parameter accuracy, and multi-step workflow execution across agent interactions. - Generate labeled training data and qualitative feedback to improve model performance and reliability.	
StartupFIU <i>Data Analyst Sprintern</i>	Miami, FL Jan 2024 - May 2024
- Analyzed and feature engineered demographics and event attendance data using Pandas and Excel - Conducted data analysis using natural language processing (NLP) models - Visualized and presented insights on increasing student and faculty engagement using Tableau	
CDR Companies <i>Business Intelligence Intern</i>	Miami, FL Aug 2023 - Dec 2023
- Tested and developed features on the CDR Health Salesforce platform by opening and updating Jira tickets - Analyzed database objects, and visualized them with Tableau - Created a dashboard component simplifying object insertion into the SQL database	

SKILLS

Programming Languages:	Java, Python, SQL, Apex, CSS, Html, JavaScript, React, Node.js
Human Languages:	English (Fluent), Spanish (Fluent), Portuguese (Intermediate)
Software:	Salesforce, Tableau, MySQL Workbench, Flask, IntelliJ, Excel, PowerBI

PROJECTS

Vista Trade <i>React, Typescript</i> Frutiger Aero-inspired React web app that helps you track stock prices with a real-time API and build a portfolio. Provides analytics for both stock prices and trading volume	https://vistatrade.onrender.com/
Portfolio Website <i>CSS, HTML</i> Personal website showcasing my featured projects and Tableau/PowerBI dashboards	https://frank-mediavilla.netlify.app/

RESEARCH

Optimizing Post-Disaster Road Restoration with Reinforcement Learning: A Traveler-Behavior-Aware Approach	https://dx.doi.org/10.2139/ssrn.5187418
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