

FRANK MEDIAVILLA

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EDUCATION

Åbo Akademi University Erasmus Mundus Joint Master Degree EDISS (Data Science)	Turku, Finland Aug 2026 - Ongoing
Florida International University BS Computer Science <i>GPA: 3.75 (Magna Cum Laude)</i>	Miami, FL Aug 2021 - May 2025

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 with top leaders in their Miami Headquarters.	Blackstone Apr 2024

EXPERIENCE

Extern <i>AI Extern, Wayfair</i>	Finland (Remote) May 2026 - Aug 2026
- Built multiple AI agents using n8n, enabling automated workflows for trend detection, competitor tracking, and marketing content generation. - Conducted in-depth trend analysis across the home goods sector, identifying patterns in consumer demand, style preferences, and design narratives; tracked competitor pricing, launches, and campaigns to extract structured insights. - Consolidated agent outputs into a live-updating Google Sheets dashboard, integrating trend signals, competitive benchmarks, and AI-generated insights to support category decision-making.	
Invisible Technologies <i>Audio Agent Evaluator</i>	Ecuador (Remote) May 2026 - Aug 2026
- Evaluated conversational AI agents by assessing comprehension, response quality, task completion, and adherence to business rules. - Audited JSON tool-call outputs to identify hallucinations, parameter errors, workflow failures, and compliance issues. - Validated tool selection, parameter accuracy, and multi-step workflow execution across agent interactions. - Generated 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 data using Pandas and Excel - Conducted data analysis using natural language processing (NLP) models	
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>	https://vistatrade.onrender.com/
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	
Portfolio Website <i>CSS, HTML</i>	https://frank-mediavilla.netlify.app/
Personal website showcasing my featured projects and Tableau/PowerBI dashboards	

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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