

FRANK MEDIAVILLA

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EDUCATION

Florida International University
BS Computer Science *GPA: 3.89*

Miami, FL
Aug 2021 - May 2025

Coursework:

Programming II, Data Structures, Artificial Intelligence, Database Management, Machine Learning

EXPERIENCES

StartupFIU
Sprintern

Miami, FL
May 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

Intern - Business Intelligence Division

Miami, FL
Aug 2023 - Dec 2023

- Tested and developed features on the CDR Health Salesforce platform
- Analyzed database objects, and visualized them with Tableau
- Created a dashboard component simplifying object insertion into the SQL database

AI4ALL - College Pathways

Discover AI Participant

Aug 2023 - Dec 2023

- Learned about the applications and fundamental technical concepts of AI including types of machine learning, gradient descent and neural networks.
- Collaborated with peers on an AI model that predicted parking lot occupancy at FIU
- Earned a Discover AI Certificate of Completion

Ecuadorian Student Organization

Treasurer

Miami, FL
Aug 2022 - Jan 2023

- Founded this club as a way to increase the visibility of Ecuadorian culture at FIU.
- Managed the organization's room reservations and purchase requests.

Residence Hall Association

President

Miami, FL
Aug 2022 - Jan 2023

- Devised ways to increase student engagement within my housing community.
- Hosted weekly meetings with the executive board to identify and solve problems affecting hall residents.

Society of Hispanic Professional Engineers

Member

Upsilon Pi Epsilon Honors Society

Member

SKILLS

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

PROJECTS

Tableau Public Portfolio *Tableau, SQL*
My Tableau public profile

<https://public.tableau.com/app/profile/frank.mediavilla/vizzes>

PantherSpace *React, MySQL, Node.js*
React social media project imitating MySpace

<https://github.com/FrankPonce/PantherSpace>

Live Metrics Dashboards *Python, CSS, HTML, Flask*
Website visualizing insights on usage metrics for different systems

<https://flask-backend-bap5.onrender.com/>

Portfolio Website *HTML, CSS*
Personal portfolio website

<https://frank-mediavilla.netlify.app/>