Frank Daniel Mediavilla Ponce

Miami, FL · fmedi027@fiu.edu · (305) 303-8602 · https://www.linkedin.com/in/frank-mediavilla-65666b1bb/

EDUCATION

Florida International University   Miami, FL
BS Computer Science *GPA: 3.89*   Aug 2021 - May 2025

Coursework:

Programming II, Data Structures, Artificial Intelligence, Database Management, Software Engineering I,
Statistics

EXPERIENCES

StartupFIU   Miami, FL
Sprintern   May 2024 - May 2024

- Did feature engineering on demographics and event attendance data
- Conducted data analysis using natural language processing (NLP) models
- Came up with insights on increasing student and faculty engagement

CDR Companies   Miami, FL
Intern - Business Intelligence Division   Aug 2023 - Dec 2023

- Tested features on the CDR Health Salesforce platform
- Opened cases outlining any bugs found during testing
- Helped create a component that simplified inserting User objects into the database

Residence Hall Association   Miami FL
President   Aug 2022 - Jan 2023

- Devised ways to increase student engagement within my housing community.
- Designed an event that celebrated Hispanic Heritage Month, building stronger sense of community.
- Hosted weekly meetings with the executive board to identify and solve problems affecting hall residents.

Ecuadorian Student Organization   Miami, FL
Treasurer   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.
- Calculated the total expenses for each event.

AI4ALL - College Pathways
Discover AI Participant   Aug 2023 - Jan 2024

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

South Beach Wine and Food Festival   Miami Beach, FL
Volunteer   Feb 2023 - Feb 2023
Society of Hispanic Professional Engineers
Member
Upsilon Pi Epsilon Honors Society
Member

SKILLS

Programming Languages:	Java, Python, SQL, Apex, CSS, Html, JavaScript
Human Languages:	English (Fluent), Spanish (Native), Portuguese (Beginner)
Software:	Unity, Android Studio, MySQL Workbench, Salesforce, IntelliJ, ReactNative

PROJECTS

Roary Run *Unity*   https://github.com/FrankPonce/Roary-Run-1

Video game entry for the Shellhakcs 2023 Hackathon

FIU Parking Prediction Model *Python, NumPy* https://github.com/FrankPonce/DiscoverAI
Group project submission for Discover AI Course

Portfolio Website *Html, Css* https://frank-mediavilla.netlify.app/

Awards

Dean's List College of Engineering and Computing
Achieved due to my good academic performance among my peers at the College of Engineering. Fall 2021,
Spring 2022, Summer 2022, Fall 2022, Spring 2023