Saul Espinoza Nalvarte

https://saulespinoza7.github.io/personal-website/ | (720) 590-9654 | sespi094@fiu.edu |
https://github.com/SaulEspinoza7 | https://www.linkedin.com/in/saul-espinoza-nalvarte-fiu/

EDUCATION

Masters in Computer Science

Florida International University   May 2024 – May 2026

Bachelors in Computer Science   **GPA 3.60 / 4.00;** *Cum Laude*

Florida International University   August 2020 - December 2023

Relevant coursework: Introduction to C++, Object Oriented Programming with Java, Programming 2, Discrete Structures, Data Structures, Operating Systems, Software Engineering 1, Computer Architecture.

EXPERIENCE

Personal Project

Miami, FL   December 2023 – January 2024

Ultimate Miami Manual

- Developed an interactive web application that personalizes tourist experiences in Miami by recommending attractions and restaurants based on user preferences, significantly enhancing the travel planning process.
- Implemented the front-end using React.js and Bootstrap, achieving a responsive and user-friendly interface, which accelerated the development cycle.
- Used a SQL database to store the basic info of locations. In addition, advanced web scraping techniques were integrated using Puppeteer within a Node.js environment to dynamically fetch and display more detailed information about the selected locations, including operational hours and user ratings.

Shellhacks   September 2023

Miami, FL

VerdeVentures

- Collaborated and worked in a team of 4 people to develop a website during a 3-day hackathon that uses machine learning and web scraping to create a portfolio based on environmentally conscious companies.
- Using React.js, designed a user-friendly interface that allowed users to receive an investing portfolio with ease, and integrated the Python based machine learning algorithm with the API (FastAPI) for seamless website functionality.

Personal Project   May 2023 – June 2023

Miami, FL

Cat Breed Selector Website

- Designed and made an interactive CRUD website that uses a RESTful API (written in Node.js) which connects it to a SQL database to gather cat data. Express.js being used to compliment the backend.
- The website is a Cat Breed Selector. Implementing an advanced filtering algorithm which gathers 3 answers from the user, their ability to groom weekly, the desired activity of the cat, and the exoticness of it. Depending on the answers, the website returns breeds that cater to them, including pictures and relevant details. Responsive design was included.
- Implemented a robust administrative (UPDATE) feature, allowing authorized users to update cat descriptions with a comfortable user interface, ensuring content accuracy.

Florida International University   August 2022 – December 2023

Miami, FL

STARS Tutor

- Responsible for enhancing students' understanding of complex programming concepts that were not fully grasped during class sessions, contributing to their academic success.
- Specialized in providing one-on-one tutoring and feedback for courses in which I had demonstrated good grades, including object-oriented programming concepts, data structures, discrete structures, operating systems, and software engineering.

Personal Project   May 2023 – May 2023

Miami, FL

Personal Website

- Designed and developed an immersive, interactive personal website, serving as a platform to represent my professional portfolio and personal insights.
- Code was written with React js for the logic, along with HTML and CSS to provide the structure and styling of the website, implementing modern effects and ensuring adherence to web standards.

SKILLS

Skills related to the position:

- C/C++
- Java
- JavaScript
- HTML / CSS / Bootstrap
- React js / Node js / Express js
- Python
- Scrum and Agile Team Development
- Data Structures
- SQL / MongoDB
- Git

General Skills:

- Ability to speak English and Spanish language on a professional level.
- Ability to work seamlessly in a team.
- Great desire to learn more and further expand my knowledge.