

Saul Espinoza Nalvarte

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EDUCATION

Bachelors in Computer Science

GPA 3.62 / 4.00

Florida International University

January 2022 – December 2023

Associate in Computer Science

GPA 3.70 / 4.00

Miami Dade College

August 2020 - December 2021

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

May 2023 – June 2023

Miami, FL

Cat Breed Selector Website

- Designed and made an interactive website that uses a RESTful API (written in Node.js) which connects it to a SQL database to gather cat data.
- 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.

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.

Florida International University

August 2022 – July 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.

Florida International University

June 2022 – June 2022

Miami, FL

Class Project: “Sorting Doubly Linked List Program”

- Made a C command line program using getopt that reads strings and builds a doubly linked list (from structs) out of them.
- The strings are sorted from lower to greater depending on their overall ASCII value.
- Several command line flags are present for the user, among them is the option to compare the strings case sensitive, make the output be in lexicographically descending order, and another one to put the input and output file names for the program to work with.

Miami Dade College

July 2021 – August 2021

Miami, FL

Class Project: “Hangar Management”

- Made a Java program that simulates a hangar management system using object oriented programming.
- Program made numerous calculations such as “Producing planes”, “Researching new technologies”, and “Hiring new engineers” which were dealt with the “money” and “engineers” variables, because of the object-oriented approach, all methods were only written once.

SKILLS

Skills related to the position:

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

General Skills:

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