Joshua Lopes

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EDUCATION

Florida International University | Miami, FL

BS in Computer Science   Expected: June2024
- GPA: 3.94/4.00

Honors: Dean's List every semester at FIU

Associations: FIU Football Team, INIT

Scholarships: Florida Academic Scholar, 100% tuition, 3.5+ GPA, 100+ Service hour, 1420 SAT

Relevant Coursework: Data Structures, Database Management, Discrete Structures, Game Theory, Programming 1 & 2

SKILLS

Computer: Java (Proficient),Python(Proficient), C(Semi-proficient), HTML, CSS, JavaScript, PostgreSQL, Angular, Git, React

Languages: English (fluent), Spanish (fluent), Portuguese (Intermediate)

WORK EXPERIENCE

Software Engineer Intern | **Football Play Card**   01/23- Present
- Implemented a tracking pixel system for the website, allowing the company to gather insights on user behavior and measure the effectiveness of marketing campaigns.
- Developed and executed a suite of comprehensive end-to-end frontend tests using Cypress, resulting in a 50% reduction in manual testing efforts and a 20% increase in overall testing coverage.

Web Developer | **Peace of Pi Learning**| 9/22-Present
- Assisted in the development and maintenance of the companies WordPress site.
- Integrated e-commerce functionality, such as payment gateways and product pages for customers to purchase a variety of different courses offered.
- Created a clone of our WordPress site using HTML, CSS, and JavaScript

PROJECTS

Ping- Pong Game | Java
- Developed a Ping-Pong game using Java and its GUI Library.
- Integrated the game logic using OOP Concepts and Java FX to create the game's visual elements, such as the playing field, paddles and ball.
- Developed a scoring system to keep track of the game progress and determine the winner.

Truck Cargo Program| Java
- Developed a simple program for managing truck cargo using Java
- Utilized skills like OOP and data structures to store and organize the cargo data.
- Also implemented basic logic to tell the user whether their excess cargo.

Time Management Tracker| Python
- Created a program using Google Calendar's API to track the amount of time I spend Coding.
- Created Functions to add events into my calendar and used SQL to create a data table to represent the number of hours worked a day.

Task Manager| MEAN Stack
- Developed a Full-stack task manager application using the MEAN (MongoDB, Express.js, Angular, Node.js) stack, enabling users to create, manage and track tasks easily and efficiently.
- Implemented RESTful APIs for seamless communication between the frontend and backend, resulting in a fast and responsive system that can handle multiple requests simultaneously.