

ERICK RIVERA

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EDUCATION

Florida International University

Miami, FL

Bachelor of Science in Computer Science

December 2023

- **GPA:** 3.60 | 4.0 (*Dean's List*)
- **Relevant Coursework:** Database Management; Data Structures; Graph Theory; Software Engineering;
- **Affiliations:** Upsilon Pi Epsilon, Google Student Developer Club

SKILLS

- **Programming:** Java, Python, Javascript, Typescript, SQL, HTML, & CSS
- **Technologies:** React, Git/Github, & Figma
- **Languages:** English & Spanish

EXPERIENCE

Upsilon Pi Epsilon

Oct. 2021 – Present

Web Development Team

- As part of a small team, developed a web application that allows for students to improve their productivity habits as well as assist them in starting an educational track within the field of computer science.
- Hands-on experience with modern technology including React, TypeScript, Material UI and SQL.
- Implemented api calls within the settings page to allow for a user's information to be retrieved, along with updating and deleting their account.

PROJECTS

Compsigh | React

- A web application, developed using React that allows students to analyze, improve, and manage their productive habits while streamlining various career tracks in Computer Science.
- Developed the settings page which allows for the users to make changes to their email, password, career path, and experience level alongside accessibility features.
- Designed various application mock-ups that prioritized accessible, responsive, and integral user experience necessities using Figma.

Analyze Financial Data | Python

- A Python application that uses the yahoo_fin library to scrape Yahoo Finance for current US stock tickers.
- Generates an updated stock list, filtering out unwanted stock tickers such as bankruptcies, rights issues, etc.
- Retrieves the data using Pandas Datareader and outputs a Matplotlib graph.

Todo | React, Javascript, HTML/CSS

- A web application, developed using React, that creates a Todo list where users can add tasks.
- Creates a filter that allows for users to switch between completed/uncompleted tasks.
- Saves the users Todo list for future use using localStorage.

Neat Office | C#, .NET

- A C# and .NET application that features a functioning scientific calculator, day counter, and a graphing algorithm calculator within a single form.
- Retrieves either a txt or csv file from the user with multiple points and uses either Dijkstra's algorithm to find the Shortest Spanning Tree or priority queue to find the Minimum Spanning Tree and exports it into a txt file.
- Uses Windows Form to build the UI of this Windows Application and uses multiple features included within the .NET package.