Resume

Julio Morales-Mena
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Education

Clark University   Worcester, MA
Bachelor's Degree with Honors in Computer Science   August 2021 - December 2024
Minor in Data Science

South High Community School   Worcester, MA
Ranked in the Top 10, awarded Clark Full Ride Scholarship   August 2017 - May 2021
Tri-M Music Honor Society, Math Team, Quiz Team

Projects/Experience

Stock Portfolio Tracker   September - December 2024
Recreated the process of purchasing and selling stocks, as well as kept track of the stocks a user has on their portfolio through an application developed on Django. Data pulled from Yahoo API containing NYSE stock info that is updated on a regular basis. The application also provided alerts for peaks and dips in stock prices, and suggestions for future trades. Hosted on a GitHub repository website.

WorkoutBuddy App   October - December 2024
Developed an application focused on assisting users new to working out to easily develop workout routines from a set of exercises extracted through existing APIs. The application acts as a search tool to find exercises by body part or difficulty, a planner detailing the day's routine and future routines, and a log to view past workouts for reflection.

Company Stock Price Analysis and Prediction Model   October - December 2024
Analyzed the stock prices of Walmart throughout its history using various data models to create a prediction model for Walmart's stock prices in the upcoming years.

Graduate Program Application Website   March - April 2024
Developed a website with the purpose of allowing students to apply to graduate programs that are featured on the website. Students can choose what they want to view, and can learn about the requirements and forms needed to submit. University staff can also use the website to add their programs to the list of choices a student can have.

File Transfer Software   October - December 2023
Programmed a two-way communication system between two clients where files are broken down into parts and random sent, allowing files of any size to go through. The files are afterwards recreated to their original state.

Skills & Interests

Technical: Python, Java, Django, Kotlin, CSS, SQL, Jupyter
Language: English (Fluent), Spanish (Fluent)
Interests: Mathematics, Music Editing, Graphic Design, Video Games