Michael Do

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EDUCATION

California State University, Fullerton 08/2022 – present
Bachelor of Science, Computer Science Fullerton, CA
GPA: 3.8

RELEVANT COURSE WORK

- Object Oriented Programming, Data Structures, Discrete Mathematics, Calculus I & II, Statistics Applied to Natural Sciences, Cybersecurity Fnd. and Prncp., Python Programming, Computer Organization and Assembly Language, File Structure and Databases, Software Engineering

PROJECTS

Hurdle | C++
- Represented the game state with a C++ backend server using object-oriented programming concepts
- Demonstrated core concepts of object oriented programming to allow players to enjoy a smooth and seamless experience.

Market Predictions | Python
- Developed a Stock Prediction and Analysis Web Application using Flask, Python, and machine learning algorithms for predictive analytics.
- Implemented real-time data integration with Yahoo Finance API to fetch current stock prices, market cap, and historical data.
- Utilized machine learning techniques, specifically Linear Regression, to predict future stock prices based on historical data.
- Created an interactive web interface with HTML templates and CSS styling for a user-friendly experience.

Neonify! | HTML, CSS, JS
- Developed an interactive webpage for text transformation into a neon-style display.
- Used JavaScript functions to manage the color selection and styling of the text to achieve the neon effect.

EXPERIENCE

Assure-US Research 06/2023 – 07/2023
Data Research Assistant
- Conducted data analysis mainly focusing on linear regression, to create machine learning models.
- Analyzed datasets of over 9000 students' SAT and ACT scores to create predictive models for GPA scores, and leveraged this data to predict GPA scores
- Effectively communicated findings through Jupyter Notebook presentations.

TECHNICAL SKILLS

Languages: C++, Python, Java, mySQL, Assembly
Platforms: Linux, Windows, Jupyter's Notebook
Additional: Visual Studio Code, Git, Replit, Flask