



Michael Do

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EDUCATION

California State University, Fullerton
Bachelor of Science, Computer Science
GPA: 3.8

08/2022 – 2026
Fullerton, CA

RELEVANT COURSE WORK

- Object Oriented Programming, Data Structures, Discrete Mathematics, Calculus III, Statistics Applied to Natural Sciences, Cybersecurity Foundations and Principles, Python Programming, Computer Organization and Assembly Language, File Structure and Databases, Software Engineering, Algorithm Engineering, Operating Systems Concepts

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.

My Personal Site | HTML, CSS, JS

<https://michaeldo2004.github.io/PersonalSite/> 

- Showcases projects above

EXPERIENCE

Assure-US Research

Data Research Assistant

06/2023 – 07/2023

- 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