

# Ivan Mendez

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## SKILLS / COURSES

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- C, Python, JavaScript, Next.js, MySQL, Machine Learning, Git, HTML/CSS, TypeScript, Flask, Echo, Docker
- Data Structures and Algorithms, Object Oriented Programming , Algorithms and Complexity, Calculus I, II, & III, Computer Systems, Differential Equations, Discrete Mathematics, Applied Probability and Statistics I

## Projects

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### Web-Server

*Present*

- Installed Linux and configured an Apache web server to host multiple websites.
- Managed domain setup and server maintenance to ensure uptime and reliability.
- Websites written in HTM, CSS, and JavaScript.

### Cyber-Projects

*Present*

- Most of these are simple projects that "break" into fake accounts using brute force methods and simple python logic or encrypt or decrypt using the crypto-cypher module.
- The website data fetcher is slightly more interesting. It is a simple website that mimics a fake banking site. If someone were to try to log into my mimicked version of the site, they would be redirected to the "real" banking site and logged in and the log in data would be stored in both a new file on my local machine and in a secret part of the website.

### Quantum-Stock-Predictor

*Present*

- Basic Python-based application and research project that takes data from yahoo finance and aims to leverage quantum computing principles using Quantum Engine API.
- Compares data prediction between classical machine learning and quantum computing to measure the benefit of quantum computing for stock data prediction.

## U-POST

*2024 - Present*

*Founder*

- U-POST is a basic social media web app made for university students that allows users to make posts, message other users and stay up to date with official and unofficial university events.

## Work Experience

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Steam - Greenwich avenue

August 2023 - Present

- Server/waiter .Provide excellent customer service by promptly greeting guests, taking accurate orders, and ensuring all needs are met for the customers.

Private Contractor, — Security operator and file management

November 2021 - September 2024

- Monitored and organized files and security videos for a homeowner and managed the video streaming software for the cameras. I also worked as a Spanish translator for the other workers.

Community Centers INC, — Camp Counselor/TA

June 2021 - August 2021

- Supervised groups of children during daily activities, ensuring their safety and engagement and helped create a better learning environment.

## EDUCATION

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University of Connecticut

present -2027

Bachelor of Engineering, Major in Computer Science; Minor in Mathematics