

Hamin Marcello Hwang

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Analytical, future-oriented thinker and former crypto trader who thrives in collaborative environments. Coming off a hiatus from programming and currently working on honing and refining skills in search of a developer role.

EDUCATION

Tech Elevator

January 2022 - Present

- Currently attending a 14-week full-stack coding bootcamp learning how to create dynamic web-based software systems using Java providing 700+ hours of development education and application.

Duke University - Durham, NC

September 2015 - May 2020

Bachelor of Arts in Computer Science, Minor in Psychology

- GPA: 3.6 / 4.0

TECHNICAL SKILLS

Python | Flask | Django | pandas | NumPy | Matplotlib | Java | Spring Boot | REST API | JUnit | HTML | CSS | JavaScript | Vue.js | ReactJS | PostgreSQL | IntelliJ | Visual Studio | VS Code | Unix | Git | Bash

TECHNICAL EXPERIENCE

- **Heart Disease Predictor:** Examined risk factors for heart disease using NHANES datasets in Python. Utilized pandas, NumPy, and scikit-learn libraries to test classifier models on their abilities to predict heart disease.
- **Reality Ministries Database:** Worked with a non-profit to improve the design and layout of its Salesforce database. Cleaned up data on volunteers and staff and revamped the layout of account and contact pages.
- **Crypto Tax Helper:** Developed a web application in Python using Flask, HTML, CSS, and JavaScript to retrieve historical OHLC data for crypto trading pairs. Started as a Java CLI program using the Spring REST Client.
- **NBA Shot Chart Builder:** Created an application that uses data from stats.nba.com (through an API client) to build shot charts for individual NBA players for a specified season using Python plotting library Matplotlib.
- **WPM Test:** Developed a full-stack web application using Django and React that allows users to test their typing speed, as well as create an account in order to track their progress and view previous scores.
- **Venmo Clone:** Built "Tenmo," a Java command line application and REST API server using Spring Boot that follows MVC and DAO design patterns.

PROFESSIONAL EXPERIENCE

Self-employed - Los Angeles, CA

May 2020 – November 2021

Trader

- Executed self-taught trading strategies (range trading, scalping, position trading, HODL) in a logical, risk-controlled manner in personal portfolio of stocks and cryptocurrencies.
- Researched factors including volatility, liquidity, and market sentiment to identify patterns and carry out appropriate trades in a 24/7 cryptocurrency market.
- Utilized technical, fundamental, and on-chain analysis to determine optimal entry and exit points.

William R. Perkins Library - Durham, NC

November 2019 – May 2020

Library Assistant

- Provided service to researchers and students by loaning materials, addressing account issues, and assisting patrons with their use of hardware including microform readers and AV equipment.
- Fulfilled 200+ material requests daily to provide information services across the state with 100% accuracy.

Rubinstein Rare Book & Manuscript Library - Durham, NC

May 2017 – October 2017

Library Assistant

- Performed routine stacks maintenance to preserve the quality of a collection of over 360,000 rare books/manuscripts.
- Managed reading room for visiting researchers by retrieving sensitive materials and ensuring their safe return.

You@Duke Project - Durham, NC

October 2015 – May 2016

Research Assistant

- Created and maintained a database of all consolidated variables and measures tracked across 7 surveys.
- Assisted research professors with literature review and with the preparation and compilation of research data.

- Coded qualitative survey data and quality-checked code in SAS used to administer surveys to respondents.