

# 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

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### 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

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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

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- 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:** Developed 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.
- Vending Machine Software:** Created a command line vending machine application in Java utilizing object-oriented programming principles and I/O methods to log transactions, purchases, and sales volume.
- 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

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### 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.