

# ANTHONY MARROCCO

Phone: 917-846-8357 | Email: [ajmarrocco@gmail.com](mailto:ajmarrocco@gmail.com) | GitHub: <https://github.com/ajmarrocco>  
LinkedIn: <https://www.linkedin.com/in/anthonymarrocco/> | Portfolio: <https://ajmarrocco.com> | New York 11377

## SUMMARY

A hardworking, passionate Software Engineer with one year of experience currently working at JPMorgan Chase & Co. Fascinated with improving people's quality of life with the use of Artificial Intelligence. Desire to use knowledge obtained in the program to create systems, processes and tools that will allow AI to assist in real-world solutions, specifically but not limited to the finance field. Equipped with sharp mathematical and computer science skills, a background in physics, mechanical engineering, finance and software engineering to establish success in highly technical courses.

## TECHNICAL SKILLS

**Languages:** Python, Java, JavaScript, CSS, HTML, MATLAB, JSON

**Databases:** SQL, MySQL, Sequelize, NoSQL, MongoDB, Mongoose

**Tools:** Linux, Git, Github, Bitbucket, Insomnia, AWS

**Frameworks:** Django, Flask, React, Bootstrap, Node.js, Jest, Express, GraphQL, Thymeleaf, Spring Boot  
Server-Side APIs, Server-Side Development

## EXPERIENCE

### JPMorgan Chase & Co.

*Software Engineer I*

October 2022 – present

Collaborates with software engineers and analysts to calculate credit exposures for Over The Counter, Futures & Options, and Securities Financing Transactions Derivative Trades.

Key Accomplishments:

- Improves calculations of trades by investigating errors in data reports and provides fixes for errors using Python, SQL and Linux.
- Enhances code base by producing new methods of write code such as using different data structures and algorithms.
- Partakes in release testing which entails comparing pricing of trades that are inputted in our calculations to ensure its correctness.
- Writes unit tests which enhances the quality of our code and overall product.

### edX Boot Camps

*Teaching Assistant*

July 2022 – March 2023

Collaborated with a team to administer remote classroom instruction that includes extensive curriculum in full stack web development.

Key Accomplishments:

- Improved students' understanding of course topics by direct engagement.
- Enhanced students' coding abilities by providing immediate feedback on their code.

## EDUCATION

**Columbia University** New York City, NY - Certificate, Full Stack Web Development

May 2022

**Stevens Institute of Technology** Hoboken, NJ - Master of Engineering, Mechanical Engineering

May 2019

**Adelphi University** Garden City, NY - Bachelor of Science, Physics

May 2016