

Ryan Peng

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Education

University of Rochester

Rochester, NY

BS in Computer Science, BA in Economics, Minor in Math:

Dual Major, Class of 2025

- Cumulative GPA: 3.5 out of 4.0, Major GPA: 3.7 out of 4.0
- Relevant Courses taken: **Introduction to Artificial Intelligence, Machine Learning, Data Structures and Algorithms; Computation and Formal Systems; Discrete Mathematics; Database Systems;** Multivariable Calculus; Linear Algebra and Differential Equations; **Intermediate Microeconomics; Intermediate Macroeconomics; Principles of Economics; Introduction to Mathematical Statistics, Introduction to Probability, Data Mining**

Horace Mann School Bronx, NY

High School Diploma, June 2021

Skills

Proficient in Java, Python, C++, C, SQL, Markdown, WordPress and Microsoft Office (Excel, PowerPoint, Word)

Comfortable with writing code from scratch and reviewing other people's code in multiple programming languages

Work Experience and Activities

Federal National Mortgage Association (Fannie Mae)

Washington DC

Capital Market Risk Intern

May 2024 – August 2024

Fannie Mae is government-sponsored enterprise that is the leading provider of mortgage financing in the U.S. They provide liquidity to markets by buying and selling mortgages.

Completed an internship in the Business Analyst Program as part of the Capital Markets Risk Management team.

- Worked on weekly and quarterly market risk reports assessing risk on Mortgage Backed Securities using MicroStrategy
- Contributed to Stress Testing analysis for Fannie Mae's Mortgage Backed Securities by making a spreadsheet comparing FICO score distributions between Fannie and major banks.
- Designed a rates sheet report from scratch to give a comprehensive view on Fannie Mae's year to year interest rate changes over the last 10 years.
- Took courses in various areas, including the basics to risk, Fannie Mae's role in the financial industry insuring mortgage backed securities, AI Acumen in Housing Finance.
- Gathered data to prepare analyses, reports, and schedules to communicate to management and clients
- Participated in audits of financial records, operating procedures, and internal controls for assigned business units
- Assisted in coordinating the development and monitoring of key risk indicators

Revere Securities LLC

New York, NY

Investment Banking Intern

May 2023 – August 2023

Revere Securities is a broker-dealer that provides professional finance solutions including wealth management, investment banking and asset management.

- Worked on Discounted Cash Flow (DCF) Models and Comparable Companies Analysis using Microsoft Excel

- Created a web-scraping program in Python to automate the process of receiving daily market updates on stock market and ADR-related news
- Participated in live meetings with Initial Public Offering (IPO) clients and Roadshows for deals in which Revere Securities is an underwriter. Helped work on projected timelines for IPO deals
- Created summaries and performed background checks on companies that are potential IPO clients of Revere
- Participated in the end-to-end process of an IPO deal with a high-tech startup company, gaining firsthand experience in each phase

VCV Digital Group

Financial Analyst Intern

New York, NY

May 2022 – August 2022

VCV Digital is a startup investment group focused on cryptocurrency exchanges and sustainable bitcoin mining through renewable energy

- Created marketing and fundraising Pitch Books in PowerPoint
- Analyzed and created visualizations for data on electricity prices using the Pandas library in Python
- Worked directly with the CEO on tasks important for VCV such as conducting Due Diligence on clients, transaction and cost management, requesting quotes for crypto mining facilities
- Researched and did daily presentations on current events and the business models of leading companies in the Crypto industry
- Created various spreadsheets in Excel to keep track of VCV's financials, spending, and outstanding bills

Personal Information

- US Citizen
- Languages: English (Native), Chinese (Fluent)