

ADRIAN EDDY

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EDUCATION

New York University, College of Arts and Sciences

New York, NY

B.A. in Economics, Minors in Data Science, Computer Science, and Mathematics

August 2022 – May 2026

- Cumulative GPA: 3.71/4.0; Economics Honors (thesis in market fluctuations)
- Relevant coursework: Financial Economics, Accounting, Econometrics, Linear Algebra, Probability and Statistics, Calculus III, Programming for Data Scientists, Data Structures and Algorithms, Intermediate Macroeconomics, International Economics

PROFESSIONAL EXPERIENCE

Flowcode

New York, NY

Machine Learning Analyst

June 2025 – August 2025

- Streamlined internal filing systems using **Python** and **Bash**, restructuring client-to-employee allocation and **Excel** Spreadsheets
- Discovered insights via **Lookr** and **ZoomInfo** to track 100+ sales leads monthly, providing actionable insights for revenue generation
- Automated multi-factor natural language processing pipelines, using binary trees for accuracy assessment, saving \$4,000 a week
- Built an **ML model** to analyse client behaviour patterns, improving target precision by 40% and conversion rates by nearly 10%

Henry Labs

New York, NY

Project Manager

January 2025 – August 2025

- Pioneered **automated** trading bots as a side project, with focus on **Delta-Hedging** models in cryptocurrency-derivative markets
- Managed a **PostgreSQL Database** with **Redis** to map client details across **servers**, optimizing cost savings and speed by 25%
- Guided A/B testing methodology with **Google Analytics**, **Power BI**, and BI platforms to improve SEO and client satisfaction
- Oversaw **automated**, **virtual** PCs through **SSH** and **TMux**, conserving operational overhead by \$1000 a month during **testing**

CIMB

Jakarta, Indonesia

Capital Markets Summer Analyst

June 2024 – Aug 2024

- Rotated in **Forex**, **Fixed-Income**, and **Derivatives** to acquire understanding of financial fundamentals (e.g. yield construction)
- Architected **Python** scripts leveraging **Bloomberg's API** to extract live data, studying spot pricing workflows for the sales desk
- Pitched new **portfolio** compositions to fund managers, hedging via **mean variance** and **risk parity** across **mixed asset classes**
- Automated private bank client **CRMs** in Excel using advanced filtering functions and **VBA**, conserving up to 10 hours per week
- Conducted stakeholder interviews with fund managers and analysts to define product requirements for client portfolio **solutions**

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

NYU Fed Challenge

New York, NY

Real Economy Analyst

May 2025 – Current

- Currently in the **semi-finals** of an interstate monetary policy recommendation competition for **Federal Reserve** consideration
- Specializing in **growth analysis** to discover **trends** in investment, consumption, trade, and sentiment to assess **GDP trajectory**
- Formulating digestible reports on GDP while applying of econometric analysis, presenting data with **python libraries** and **Excel**
- Surveying data with the **market** team to correlate trends in the economy with finance to analyse performance of monetary policy
- Developed **automated** data retrieval pipelines, preprocessing **macroeconomic** indicators for building **R*** and **inflation models**

NYU Biokind

New York, NY

Technical Lead

June 2025 - Current

- Product Lead developing data analytics solutions for nonprofits in NYC, saving up to \$10,000 in outsourcing engineering costs
- Tailoring **full-stack** business intelligence apps in **Python**, **SQL**, and **JS** that can clean, feature engineer, and find **curated** insights
- Building **ML** models, including regressions and Binary Trees, with **component reduction** optimizing build speeds by over 50%
- Mentoring team members in technical expertise and professional practices, reinforcing comprehension and **team bonding** skills

NYU Motorsports

New York, NY

Finance Lead

September 2024 – June 2025

- **Raised** more than 3x the initial target of over USD 45,000 by using **salesmanship** and cold outreach during intense competition
- Demonstrated **casing** and financial analytical skills in a motorsports-themed case competition with a national, finalist-level team

SKILLS & INTERESTS

- **Languages:** English (Native Proficiency), Bahasa Indonesia (Native Proficiency), Spanish (Beginner Proficiency)
- **Skills:** Bloomberg Terminal, Python (NumPy, Pandas), SQL, R, Risk Mitigation, Options Pricing, Financial Modelling, BI
- **Interests:** Fishkeeping, Trading, Top Gear, video gaming, cricket, Liverpool F.C., history, reading,

