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, GAAP
- **Interests:** Fishkeeping, Trading, Top Gear, video gaming, cricket, Liverpool F.C., history, reading,