NHAT M. TRAN

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EDUCATION

Boston University   Boston, MA
Master of Science in Business Analytics, *GPA: 4.0/4.0*   Anticipated Graduation: May 2026
Drexel University   Philadelphia, PA
Bachelor of Science in Economics, GPA: 3.7/4.0   September 2017 – December 2021
Major: Economics | **Minor:** Finance | **Concentration:** Business Economics
Honors: Dean's List, Drexel University, 2018 – 2021; A.J Drexel Scholarship, Drexel University, 2017 – 2021

SKILLS

- Programming Language: Python; SQL; Eviews; R
- Data Analysis Tools: Bloomberg; Power BI; Tableau; Macrobond; Haver; Microsoft Office: Word, Excel, PowerPoint
- Technical Skills: Data Visualizations, Data Manipulation, Database Management, Macro Research, Machine Learning models

PROFESSIONAL EXPERIENCE

Brandywine Global Investment Management   Philadelphia, PA
Global Macro Research Analyst   February 2022 – August 2024
- Automated and maintained internal database (4k+ indicators), library of 11k+ charts, enhancing 85% operational efficiency
- Performed macroeconomic and inflation analysis across Canada and major economies, generating insights to guide currency and sovereign fixed-income allocation
- Developed economic indices and applied supervised ML and robust regression in Python using internal, Bloomberg, and Macrobond data to identify market signals
- Led the development of data-driven marketing materials and client presentations, translating portfolio insights into clear narratives that increased client engagement by 20% and new business by 15%

KPIM Joint Stock Company   Hanoi, Vietnam
Business Intelligence Analyst   March 2021 – September 2021
- Validated and transformed Excel datasets (PivotTables, MATCH, COUNTIF, VLOOKUP) prior to Power BI integration to support comprehensive merger impact analysis
- Built Power BI dashboards to automate capital expenditure analysis, identifying cost-saving opportunities of $15K+ annually
- Evaluated transition financial performance against benchmarks, driving informed decisions, cost savings, and risk management
- Integrated public health and insurance data from the Vietnam Ministry of Health to analyze COVID-19 infection trends and support data-driven risk assessment and decision-making

Ernst & Young LLP   Hanoi, Vietnam
Intern – Assurance Services   May 2020 – September 2020
- Designed data-driven valuation and performance drivers to assess quality of earnings, net indebtedness, and working capital while supporting growth, cost reduction, and process optimization
- Led and coordinated a six-member consulting team, interfacing daily with international clients on high-impact advisory projects
- Executed financial due diligence for private equity transactions using advanced financial analysis and modeling

City of Philadelphia – Streets Department   Philadelphia, PA
Intern – Office of the Deputy Commissioner of Streets   April 2019 – September 2019
- Assessed $100K+ in vehicle violation data, uncovering billing and expenditure errors
- Processed prime and sub-consultant work orders and invoices of projects measuring up to $2 million to perform valuation analysis
- Constructed data-driven financial performance reports to support city commission distribution and strengthen fiscal monitoring

RESEARCH EXPERIENCE

Gender Disparities in Labor Force Analysis (2024)
Labor Market Analytics Research Project, Boston University   September 2025 – December 2025
- Analyzed Lightcast and FRED data in Python, applying regression and ML models to forecast 2024 labor-market trends
- Built visualizations to assess skill demand, salary patterns, geographic variation, and gender-based differences across U.S. markets
- Synthesized model results with academic research to deliver actionable insights on hiring behavior and gender disparities

The Modern Development of the Clothing Industry's Impacts on Bangladesh's Health and Environmental
Economics Seminar's Research Paper, Drexel University   January 2021 – March 2021
- Examined Bangladeshi workers' health and safety evaluations and child exploitation issues through historical data compilation
- Identified potential strategies to address these concerns while maintaining a sustainable and economically viable sector