

Ha Tran

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EDUCATION

University of South Florida

Aug. 2022 – May 2026

Bachelor of Science in Artificial Intelligence and Business Analytics

Tampa, FL

Bachelor of Science in Econometrics and Quantitative Economics

GPA: 3.98

EXPERIENCE

Business Intelligence Intern

Jun. 2024 – Aug. 2024

Princeton University

Princeton, NJ

- Developed Tableau dashboards with row-level security for a data source of 7M+ rows extracted from the data warehouse, boosting data visualization reporting speed by 80% to support university-wide insights
- Automated email report distribution using Microsoft Power Automate for Excel datasets containing 10K+ rows, cutting processing time from hours to 10 seconds
- Generated automated Excel templates using VBA, Macros, and other advanced functions (nested IF statements, VLOOKUP), streamlining monthly analysis of 200+ rows
- Researched and generated a Generative AI overview used as an initial roadmap for AI integration, benefiting 150 staff members in the Office of Finance and Treasury

Export Department Intern

Jun. 2023 – Aug. 2023

Intercontinental Shipping Co., Ltd.

Haiphong, Vietnam

- Reviewed international export documentation to ensure regulatory compliance and data validation, reducing clerical errors by 25%
- Communicated directly with clients and logistics partners to resolve shipment issues, contributing to deal closure efficiency by 20%

PROJECTS

Apple Quality Classification | *Orange Data Mining*

Apr. 2025 – May 2025

- Led a 2-member team to develop and compare Decision Tree and Neural Network models on a 4,000-record apple dataset, achieving up to 88.1% accuracy and 0.957 AUC in predicting fruit quality
- Recommended Decision Trees for short-term use due to lower complexity and cost, and Neural Networks for long-term scalability and 12% higher accuracy, aligning model performance with operational trade-offs

Hospital Administrator's Database | *Vision, Microsoft SQL Server*

Aug. 2024 – Dec. 2024

- Designed ERD, EERD, and relational schemas to support hospital operations for 10K+ records, ensuring data integrity & scalability
- Built and implemented a SQL-based relational database to track patient admissions, nurse assignments, and treatment records, enabling efficient querying and generating 5+ reports for hospital administration

Electronics Sales Analysis | *Python, pandas, numpy, scikit-learn, matplotlib*

Oct. 2024 – Nov. 2024

- Conducted exploratory data analysis on 20,000+ sales transactions using pandas and matplotlib, revealing key revenue drivers including the 35–64 age group and \$21.5M in annual smartphone sales.
- Developed SVC data models with 83-87% accuracy to forecast customer behaviors, including loyalty membership and shipping preferences, enabling optimized marketing and inventory strategies

TECHNICAL SKILLS

Languages: SQL, Python (pandas, numpy, scikit-learn, matplotlib, seaborn), R, HTML, C/C++

Tools: Tableau, Power BI, Power Automate, Excel (VBA, Pivot Tables, Solver), Orange Data Mining

Concepts: Data Mining, Data Modeling, Machine Learning, Data Visualization, Statistical Analysis

Certifications: Google Data Analytics Professional Certificate, USF Muma Citizen Data Science