

Ngan (Kris) Huynh

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SKILLS

Programming Languages: Python (Pandas, NumPy, Matplotlib, Scikit-learn, TensorFlow)

Databases: PostgreSQL, MySQL

BI & Visualization Tools: Tableau, MS Excel (Pivot Table, VLOOKUP, Conditional Formatting)

Soft Skills: Communication, Collaboration, Independent Work

EXPERIENCE

New Jersey City University

Jersey City, NJ

Undergraduate AI/ML Research Assistant

Sep 2025 - Present

- Conduct AI/ML research in collaboration with faculty and NASA Goddard, focusing on model development and benchmark validation using Python (TensorFlow, scikit-learn).

New Jersey City University

Jersey City, NJ

Undergraduate ML Research Assistant

Jun 2025 - Aug 2025

- Built predictive models and performed regression analysis on real-world datasets to identify the highest-performing algorithms.
- Executed data preprocessing, feature engineering, EDA, and model validation to ensure data quality and model reliability.
- Evaluated and compared multiple machine learning models in Python, achieving an accuracy improvement of up to 86%.
- Collaborated with faculty mentors to interpret model outputs and translate findings into actionable insights.

Shinhan Vietnam Finance

Ho Chi Minh, Vietnam

Data Analyst

Mar 2023 – Jun 2024

Data Analyst Intern

Jun 2022 – Dec 2022

- Queried, cleaned, and organized large datasets using SQL for customer segmentation and market performance analysis.
- Built interactive dashboards with Tableau and analyzed performance metrics using Excel.
- Created analytical reports supporting management decisions, contributing to a 20% increase in loan application conversion rate.

PROJECTS

Sales Performance Analysis - [Link](#)

June 2025

- Built an interactive **Tableau** dashboard with 7 visualizations to track key KPIs across product categories and outlets.
- Analyzed sales and customer data (8.5K+ products, multi-tier stores) using **SQL** and **Python** to uncover performance trends.
- Developed 4 KPIs to identify market opportunities and target customer segments based on purchasing behavior.
- Enhanced decision-making by providing data-driven insights that aligned campaigns with high-performing products and outlets.

Data Warehouse and Analytics - [Link](#)

March 2025

- Designed and implemented a **data warehouse architecture** using PostgreSQL, following the **Medallion (Bronze, Silver, Gold) model** to optimize data reliability and reporting.
- Built **ETL pipelines** to extract data from ERP and CRM systems, transform it with SQL scripts, and load it into warehouse tables for analysis.
- Developed **data models**, including **fact and dimension tables**, supporting analytical queries and reporting.
- Created **SQL-based dashboards and reports** to analyze customer behavior, product performance, and sales trends.

EDUCATION

New Jersey City University, Jersey City, New Jersey

Expected May 2026

Bachelor of Science in Computer Science - GPA: 3.9

Broward Vietnam, Ho Chi Minh City, Vietnam

Dec 2022

Associate of Science in Software Development - GPA: 3.5