

Ngan Huynh

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PROFESSIONAL SUMMARY

Experienced Data Analyst with over two years of professional experience in analytics, leveraging SQL, Tableau, Python and relational databases to translate complex data into actionable insights and impactful reports for business and academic environments.

EXPERIENCE

New Jersey City University - NASA Goddard–Funded Research Project

Jersey City, NJ

AI Research Assistant

Sep 2025 - Present

- Built AI-driven pipelines to preprocess and analyze low-quality space imagery, improving data readiness for modeling.
- Prepared and validated specialized image datasets; extracted structural features using segmentation and edge-detection models in **Python (PyTorch)**.
- Collaborated with research teams to document findings and communicate technical results for reporting.

Gyldan Infotech Company Limited

Ho Chi Minh, Vietnam

Data Analyst

Jan 2021 - Mar 2023

Data Analyst Intern

Mar 2020 - Dec 2020

- Analyzed CRM sales and marketing data for a U.S.-based SaaS company **using SQL and Excel** to identify high-value prospects and key sales performance trends.
- Designed and automated executive-level **Tableau dashboards**, reducing manual reporting time by 40% and improving weekly decision-making.
- Ensured data accuracy and integrity through source data validation, handling missing or inconsistent records, and maintaining clear data documentation.
- Partnered directly with management to define business KPIs and reporting logic, ensuring analytics aligned with sales and marketing strategies.

PROJECTS

CRM Reporting Dashboard | [Link](#)

Jun 2025

- Built an interactive Tableau dashboard (7 KPIs) to monitor product performance and sales trends.
- Analyzed 8,500+ records using **SQL and Python** to identify purchasing patterns and seasonality.
- Defined KPI definitions to support **strategic planning** and resource allocation and retention strategies.

Data Warehouse and Analytics | [Link](#)

Mar 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, clean, standardize, and validate data from ERP and CRM systems.
- Developed complex **SQL Stored Procedures** and data models to transform raw ERP data into structured formats for reporting.
- Implemented **40+ data quality checks** to ensure **accuracy, consistency, and compliance** of analytical datasets.

SKILLS

Programming & Databases:

SQL (PostgreSQL, MySQL), Python (Pandas, NumPy), ETL Pipelines.

BI & Visualization:

Tableau, Advanced Excel (Pivot Tables, Lookups), Reporting.

Tools:

Git/Github, MS Office Suite, Jupyter, VS Code.

EDUCATION

New Jersey City University, Jersey City, New Jersey

Sep 2024 - Expected May 2026

Bachelor of Science in Computer Science - GPA: 3.9

Broward College, Ho Chi Minh City, Vietnam

2020 - 2022

Associate of Science in Software Development - GPA: 3.5