NGUYEN NHAT HOA

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SUMMARY

Final-year student majoring in Data Science with a proven track record in competitions and project results. Skilled in collecting, cleaning, analyzing, visualizing data, and applying machine learning models to make data-driven decisions. Seeking a challenging role to leverage technical expertise and drive engineering excellence.

Check out my **portfolio** for all of my projects, micro-projects, skills, and achievements.

EDUCATION

HO CHI MINH UNIVERSITY OF BANKING
2021 — Present
Major in Data Science
Expected Mar 2025
Comulative GPA: 3.28/4.0

UNIVERSITY PROJECTS

MYSQL CHABOT WITH GEMINI-PRO
May 2024 — Jun 2024

- Description: This project develops a chatbot that interprets natural language queries, generates SQL queries, and fetches results from a SQL database in an intuitive, user-friendly way.
- Tools Used: MySQL, LangChain, Streamlit, Railway.
- Press **Chatbot** to view.

TRADING ALGORITHM BUILDING COMPETITION
Jan 2024 — Apr 2024

- Description: Build trading algorithms based on strategies to increase real investment profits. Win the first prize with the best algorithm and highest profit.
- Tools Used: Excel, Python (Pandas, Numpy, Plotly, Vnstock, Streamlit)
- Press **Algorithm Deploy** to view.

DATA ANALYSIS (NETFLIX USERBASE DATASET)
Nov 2023

- Description: The project aims to gather insights into user behavior and preferences, informing strategies for an improved Netflix experience, including content recommendation and pricing optimization.
- Tools Used: Python (Pandas, Plotly, Matplotlib, Seaborn), Jupyter Notebook.

DATA VISUALIZATION (BIKE STORES DATASET)
Oct 2023

- Description: The Bike Stores project analyzes revenue growth trends over the years by examining various factors. Data is queried using Microsoft SQL Server and exported to Tableau to create charts that reveal top customers and revenue per salesperson.
- Tools Used: Microsoft SQL Server, Excel, Tableau.
- Press **Dashboard** to view.

ACTIVITIES

UNIVERSITY COMPETITIONS

- Participated in "The Data Analytics Competition 2024", Top 2/Contestants — Apr 2024 — Jun 2024
- Participated in "Attacker 2024: Algorithmic Analysis Competition", Champion/Contestants — Jan 2024 — Apr 2024
- Scientific Research: "User Clustering on Social Networking Platforms and Applications in Business" — Dec 2023 — Mar 2024
- Participated in "The HUB Innovation and Creativity Competition", Top 10/Contestants — Nov 2023 — Dec 2023

FREELANCE

- Yeu Lu YouTube channel, Video Editor — Oct 2022 — Nov 2023

UNIVERSITY CLUB

- The HUB - B4T Media Information Board, Ho Chi Minh University of Banking, Member — Dec 2021 — Nov 2022

ADDITIONAL

Technical Skills:	SQL, R, Python (Plotly, Scikit-learn, Streamlit, PyTorch)
Methodologies:	Statistics, Data Structures and Algorithms, Data Analysis, Machine Learning, Natural Language Processing
Languages:	Basic English proficiency
Tools:	MySQL, Microsoft SQL Server, MS Office, Tableau, Git, LangChain
Other tools:	Adobe Photoshop, Adobe Premiere Pro, Figma