

NGUYEN THI HOA

Data Analyst



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● [LinkedIn](#)

● [GitHub](#)

Work Experience

- **HSBC Bank _ Data & Analytics Office Intern** Oct 2023 - Mar 2024
 - Involved in an internal effort focused on constructing a tailored forecasting framework designed to seamlessly integrate into operational processes within the business. This framework plays a pivotal role in automating and optimizing operations, fostering data-driven decision-making. The initial pilot of this framework was conducted within select internal departments, focusing on critical reporting elements. I was assigned to work on smoothing algorithm, probabilistic forecasting, and practical applicable of power BI for visualization
- **Mastering Data Analytics _ Data Analyst** Feb 2023 - Aug 2023
 - Participated in data collection and performed thorough customer needs analysis to drive the optimization of business processes, particularly in the realm of cost-effective advertising and marketing strategies. Worked closely with team members to devise an automated payroll payment model utilizing the Lark application, while also establishing robust business analysis protocols using Power BI. Additionally, authored detailed reports outlining workflow procedures for every assigned task.
- **Personal Projects** Oct 2022 - 2024 (now)
 - Aspect Based Sentiment Analysis for Vietnamese Cleanser Product Reviews in E-commerce
 - This is a real-life project. It involves gathering facial cleanser data from the TiKi e-commerce platform, analyzing it, and providing valuable insights to help sellers develop products suitable for the Vietnamese market. Tableau has been utilized to create automated reports, saving time.
 - Analyze And Predict Fake News & Analysis And Prediction Of Stroke & Movie Recommendation System
 - Use machine learning models to predict whether input information is Fake or Real/ Stroke or Not
 - Learn about Neural Collaborative Filtering for Recommendation System
 - Leveraging Neural Collaborative Filtering to Enhance Movie Recommendation System

Education

- **Ho Chi Minh University Of Science** Expected 2020 - Oct 2024
 - Bachelor of Data Science
 - GPA: 8.7/10
 - Received Academic Excellence Scholarship
 - Dynamic member of the ECE Student Volunteer Team

Skills

- **Technical Skills**
 - Programing Language: C/C++, Python, R, Matlab,...
 - Database/ Server: MySQL, SQL
 - Tools/ Others: Microsoft Power Platform (Power Apps, PowerBI,...), Excel, Github,...
- **Soft Skills**
 - Problem-solving, Creativity, Time Management, Eye for Detail, Conflict handling

Hobbies

- Reading books on technology industry
- Listening to music
- Climbing the mountain
- Learning new technology/ new tools

Certificates/ Courses

- HSK3 & HSKK (283/300 & 77/100)
- Toeic Certificate (LR: 650)
- PL300-Microsoft Power BI Data Analyst (learning courses)
- Learning Excel: Data Analysis
- SQL: Data Reporting and Analyst
- Microsoft Excel Certificate

Language

- VietNameese: Native
- English: Upper Intermediate
- Chinese: Upper Intermediate