Huy Nguyen Ngoc Quang

IT ENGINEER

PROFESSIONAL SUMMARY

For short-term:
To gain hands-on experience in software and application development, while continuously learning and exploring data analysis and artificial intelligence technologies.
For long-term:
To advance my career as an expert in artificial intelligence and data science, developing cutting-edge AI systems and intelligent solutions that drive innovation across industries, enhance automation, and contribute to the ethical and sustainable integration of AI in society.

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EDUCATION

Bachelor of Information Technology in Software Engineering | 2021-2025
Posts and Telecommunications Institute of Technology, Hanoi, Vietnam
- Relevant Coursework: DSA, Operating Systems, Software Engineering, Computer Networks, Advanced Programming Techniques, Software Project Management, Mobile Application Development

EXPERIENCE

Data Analyst Intern | 2022
Labnext Dental Software
- Cleaned and transformed raw datasets into structured formats for further analysis.
- *Developed dashboards and data visualizations to represent complex data sets.*
- Analyzed and interpreted data, contributing to a research paper submitted for publication
- Performed advanced statistical analysis on customer behavior data.

PROJECTS

AI Project Participation
Natural Language Process Project
- Create a model that translate Vietnamese to English; Using Seq2Seq model, LSTM, Word2Vec
- Created graphs, charts and other visualizations to convey results of data analysis using specialized software.
- Implemented supervised and unsupervised learning approaches for classification tasks.
- Compared models using statistical performance metrics, such as loss functions and proportion of explained variance.
- *Utilized natural language processing algorithms to extract insights from unstructured text data sets.*

Data Analyst
Linear Regression for Sale Predict
- Implemented best practices in data visualization techniques to effectively communicate results.
- Utilized Python libraries such as NumPy and Pandas for data manipulation tasks.
- Applied feature selection algorithms to models predicting outcomes of interest, such as sales, attrition and healthcare use.
- *Created SQL queries to extract data from multiple sources for reporting purposes.*

CERTIFICATIONS

- TOEIC (Test of English for International Communication) of 805 for Listening and Reading
- Microsoft Office Specialist on Microsoft Excel
- Microsoft Office Specialist on Microsoft PowerPoint