NGUYEN MINH VU

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EDUCATION

Bachelor of Artificial Intelligence, University of Science, VNU-HCM   Expected 2025
GPA: 8.05/10.
Relevant coursework: Deep Learning by DeepLearning.AI on Coursera.

CERTIFICATION

First Certificate in English (B2 FIRST)   2019 - Present

TECHNICAL SKILLS

Programming Languages	Python, C++, Latex, SQL.
Machine Learning Frameworks	PyTorch, Scikit-learn, TensorFlow.
Environments	Visual Studio, Anaconda.
Hard Skills	Algorithm, NLP, Data Science, Deep Learning.

PROJECTS

Application of LLMs in Vietnamese Semantic Text Similarity   Oct 2023 - Jan 2024

- Fine-tuned **Mistral7b** and **phoGPT** using **LoRA** and **QLoRA** techniques.
- Applied Zero-shot prompting in LLMs.
- Deployed on Huggingface.

Image Forensics   Mar 2024 - Jun 2024

- Researched different algorithms and architectures used in **Copy-move image detection** tasks.
- Studied about **block-based**, **keypoint-based** and implemented **BusterNet** architecture.

Predict Future Sales - Kaggle Competition   Mar 2024 - Jun 2024

- Handling data using **Feature Engineering, EDA** techniques.
- Applied **LightGBM** model to predict values.

AI-Enhanced CLI Tools for Commit Messages   Mar 2024 - Jun 2024

- Built a CLI tools for commit message and pull requests.
- Integrated **ChatGPT's API** for generating text.
- Applied basic **RAG** model in local.
- Worked as **Project Leader**. Set up Jira and Scrum model for team management.

End-to-End MLOps Project   Aug 2024 - Present

- Transformed data from capital bikeshare into machine learning pipelines.
- Training, model tracking and experimenting with **mlflow, ochestration** as workflow tool to deploying the model as a web service.

EXTRA-CURRICULAR ACTIVITIES

- Joining Accesiblity Design Competition 2022 organized by RMIT.
- Complete Google Cloud Platform Event SS3, SS4 and SS5.