Mai Minh Khoi

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Experience

TovChain   **Nov. 2023 – Present**
Intern in Data Science   *Hanoi City, Vietnam*
- Learn about LLM.
- Build a chatbot about crypto.

FPT Telecom   **Sep. 2023 – Dec. 2023**
Intern in Data Science   *HaNoi City, Vietnam*
- In classification, handling a problem with a significantly larger amount of no labeled data compared to labeled data.
- Learn about Image Processing, NLP, Time Series
- Handling recommendation problems for the movie.
- In business, Customer-focused mindset.

Private Tutor   **Mar. 2023 – Aug. 2023**
Tutor for Mathematics   *Hanoi City, Vietnam*
- I have reviewed calculus and algebra for my student before entering university.
- I have prepared mathematics for my student for the entrance exam to Chu Van An High School for Gifted.
- I have acquired effective communication skills.

Education

Ha Noi University of Science and Technology, HUST   **Sep. 2021 – Present**
Bachelor of Science in Information Technology, GPA: 3.5/4.0, **Elitech Program**   *Ha Noi City, Vietnam*

Le Hong Phong High School for the Gifted   **Aug. 2018 – Aug. 2021**
Graduated with Honors, GPA: 8.5/10, **Specialized Mathematics Class**   *Nam Dinh City, Vietnam*

Projects

Chatbot | *Python, Langchain, Qdrant, GPT*   **Dev 2023**
Internship project at the company
Link demo: Chatbot
This chatbot product is designed to search for information about cryptocurrencies, including coin prices on platforms such as CoinGecko and CoinMarketCap, and deliver the latest news updates. The product utilizes the ChatGPT API, with data supplied by Oxalus company, and the data is always in real-time.

Dog Breed Classification | *TensorFlow, Numpy, Pandas, Matplotlib*   **August 2023**
Personal Project
GitHub Repository: Dog Vision
Objective: The primary goal of this project is to create a classification model capable of identifying dog breeds based on input images
Implementation: Leveraging the versatility of the Python programming language and the TensorFlow framework, the project aims to employ state-of-the-art machine learning techniques for image recognition and classification.

Internship project at the company | *Pytorch, Tensorflow, Numpy, Pandas, Matplotlib, Seaborn, Faiss*   **October 2023**
Personal Project
GitHub Repository: Movie Recommendation
Objective: Crafting a personalized movie recommendation experience by combining the efficiency of Faiss, a high-performance similarity search library, with the accuracy of Matrix Factorization techniques.
Implement: Utilize Faiss for searching films with content closely matching the specified criteria, employ matrix factorization to impute missing data, and simultaneously seek the most suitable films based on viewers' preferences.

Soccer Website | *React, Next.js, PostgreSQL*   **July 2023**
Two-Person Project
GitHub Repository: Web Soccer
In this project focused on managing player information, my role is to design a database based on client requirements. This involves translating client needs into a structured database schema, ensuring efficient data storage, retrieval, and management for a comprehensive player information system.

Honors and Awards

- **I received an offer to work at Morson Japan in the position of a system engineer in 2025.**
- **Vietcombank Scholarship for the year 2023**

Technical Skill

Languages: **C/C++** (Proficient), **Python** (Proficient), Java, SQL.
Technologies: Langchain, GPT, Qdrant, NumPy, Pandas, Matplotlib, Scikit-learn, Tensorflow, Keras, Pytorch, Database/Storage (PostgreSQL, MongoDB), Postman, Google Colab, Matlab, Git, Azure, SQL Spark, Pyspark.