HA MINH QUAN

I am a final-year student majoring in Artificial Intelligence, with a specific emphasis on AI engineering in the realm of NLP. I have a strong passion for literature and aspire to develop my own AI storytelling model.

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Github: https://github.com/CatKingio

Birthday: 18/12/2002

EXPERIENCE

Projects:

● AI Virtual Assistant (NLP Transformers, Pytorch, Chatbot)
github.com/CatKingio/-AI-virtual-assistant-Himeko

Project Objective: Develop an AI Virtual Assistant system using NLP Transformers and PyTorch to perform tasks such as text and speech recognition, task classification, answering questions, and executing operations like web search and music playback.

Project Scope: Build a chatbot system capable of receiving user commands, classifying them, and executing corresponding requests. NLP Transformers and PyTorch.

● Predicting diabetic retinopathy from images (CNN EfficientNet, Cv2)
github.com/CatKingio/Predict-diabetic-retinopathy-s…

Project Objective: Develop an AI model to predict retinopathy from eye images and create a web interface for doctor predictions.

Project Scope: The project includes preprocessing eye images using OpenCV, building a CNN model using EfficientNet, website user interface using Django.

● Predicting Specific Stock Prices (Time Series ARIMA)
github.com/CatKingio/PredictingVietnameseStockARIMA

Project Objective: Using VNQuant to fetch Vietnamese stock market data for training, visualizing the data, and conducting analysis, building a predictive model using ARIMA for stock price forecasting, and creating a prediction interface.

Project Scope: Visualizing data using charts, statistics, constructing functions to calculate key indices, researching the ARIMA model

More Project: https://catkingio.github.io/

AWARDS

- **(2022)** Encouragement award at NTTU AI Hackathon Using model to predict COVID-19.
Role: Team leader.
- **(2023**) Fourth prize at NTTU Software Hackathon Using model to Predicting diabetic retinopathy from images.
Role: Team Manager, Model development.

SKILLS & PROFICIENCIES

● **MachineLearning/DeepLearning Skill:** Image/Audio/Text Classification.Text Generation, Image/Audio Recognition, Training, Fine-tuning, Evaluation model.

● **Data Skill:** Data cleaning/ transformation/ analytics. Data Visualization Plot, Selenium, Scapy(Craw data), SQL, Numpy, Pandas

● **Web Skill:** Html, Css, Sass, Js, ASP.NET, Django, UI/UX

● **My Strength** Python, Pandas, Numpy, Scikit-learn,Tensorflow, Matplotlib, Pytorch, Fine-turning
NLP: Transformers, CNN, RNN, LSTM
CV: Resnet, Cv2, CNN, EfficientNet

● **Project and control tool skill:** Jupiter nbook, Visual Studio, Colab, Git, Github

● **Soft Skill:** Teamwork, Learn continuously, Adaptability, Time Management, Not afraid of pressure, Has strong enduring attachment.
Chat GPT Prompts, Resreach

EDUCATION

AI Engineer (2020 - 2024)
Nguyen Tat Thanh University

LANGUAGES

English, Vietnamese language