Huy Hoang

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in l1af2027

○ l1aF-2027

Introduction

As an aspiring AI Engineer, I am deeply passionate about optimizing and deploying machine learning models to solve real-world problems. I am eager to apply my skills to create impactful AI solutions, contribute to innovative projects, and continuously learn in a dynamic and challenging environment.

Education

BS   **VNU-HCM University of Information Technology**, Artificial Intelligence   Sept 2022 – now

- **GPA:** 9.06/10.0 (Academic Transcript ⬈)
- **Coursework:** Machine Learning with Python, Advanced Artificial Intelligence, Deep Learning and Applications

Certifications

NVIDIA Workshop   Applications of AI for
                                                                                                       Anomaly Detection ⬈
- Applied both supervised and unsupervised learning methods (XGBoost, autoencoders, and GANs) to identify network intrusions and anomalies in large datasets.

Projects

Multimodal Sacarsm Detection on Vietnamese Social Media Texts   github.com/l1aF-2027/UIT-
                                                                                                       Data-Science-Challenge-
- DSC-UIT 2024 Competition – **2nd Prize Winner**   2024 ⬈
- Built a multimodal system combining caption, image, and OCR-extracted text for sarcasm detection. Developed an interactive web demo using Streamlit, simulating auto-classification of community posts.
- Tools Used: Python, Keras, OCR, Transformers, Streamlit

Drought Prediction   github.com/l1aF-
                                                                                                       2027/Drought-Prediction ⬈
- Built an interactive web app for visualizing and forecasting drought conditions using geospatial and climate data. Integrated machine learning models with FastAPI backend and Next.js frontend..
- Tools Used: FastAPI, PyTorch, TailwindCSS, Next.js

Market Basket   github.com/l1aF-
                                                                                                       2027/Market-Basket ⬈
- Developed an e-commerce demo website that applies the Apriori algorithm to suggest products frequently bought together. Built a responsive web application using Next.js and Tailwind CSS, featuring an intuitive user interface.
- Tools Used: Python, Next.js, Tailwind CSS, PostgreSQL

Technologies

Languages: Python, TypeScript, SQL, CSS, HTML

Frameworks & Tools: PyTorch, Keras, FastAPI, Next.js, Tailwind CSS