



Tran Pham Cong Danh

An AI Engineer: Embracing AI, Powered by Passion

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Education

Master of Engineering in Computer Science **GPA: 8.08/10** **2022 – 2024**

University: **Ho Chi Minh City University of Technology – Vietnam National University Ho Chi Minh City**

Thesis: **Classification of blood pressure for patients treated at home**

General Medicine in Doctor of Medicine **2014 – 2020**

University: **University of Health Sciences – Vietnam National University Ho Chi Minh City**

Technical Skills

Programming Languages Python, JavaScript, PHP, C++	AI Libraries & Frameworks TensorFlow, PyTorch, Keras, Scikit-learn, ONNX	Data Management & Processing SQL, NoSQL, Spark, Kafka, Jupyter
System & DevOps Tools Git, Linux, Docker	Python Libraries OpenCV, NumPy, Pandas, Matplotlib, Gradio, Streamlit	Others HTML, CSS, LangChain, Selenium, Flask

AI & Programming Projects

BTCUSDT ML ETL Pipeline danhtran2mind/BTCUSDT-ML-ETL-Pipeline 2025 Scalable BTC-USDT ML ETL Pipeline using Airflow, MinIO, Spark, DuckDB for data processing and LSTM price forecasting.	Anime Super Resolution danhtran2mind/Anime-Super-Resolution 2025 Anime Super Resolution enhances anime-style images using fine-tuned Real-ESRGAN model optimized for clarity, detail.	SlimFace: Efficient Face Recognition danhtran2mind/SlimFace 2025 SlimFace: Efficient transfer learning framework for high-accuracy face recognition on edge devices with custom datasets.
Grayscale2Color Landscape from scratch danhtran2mind/gray2color-landscape-from-scratch 2025 From-scratch DL models (AutoEncoder, U-Net, Transformer) colorize grayscale landscapes in Lab*. Vibrant, minimalist.	Text to Video Ghibli Style danhtran2mind/Text2Video-Ghibli-style 2025 Transform text into enchanting Studio Ghibli-style videos with fine-tuned zeroscope_v2_576w on optimized MotionDirector.	Vietnamese Health Chat LoRA danhtran2mind/Vietnamese-Health-Chat-LoRA 2025 LoRA fine-tunes models for Vietnamese Health Chat AI, enabling precise, contextual healthcare responses.
Vietnamese Nutrition GPT-2 finetune danhtran2mind/vi-nutrition-gpt2-finetune 2025 Fine-tuned GPT-2 on Hanoi Medical textbook for accurate Vietnamese nutrition guidance in rehabilitation.	Vietnamese F5-TTS danhtran2mind/Vi-F5-TTS 2025 F5-TTS-based Vi-F5-TTS uses vin100h-preprocessed-v2 to create natural Vietnamese TTS for assistants, audiobooks.	Vietnamese Whisper Tiny finetuning danhtran2mind/Vi-Whisper-Tiny-finetuning 2025 Vi-Whisper-Tiny-finetuning: Lightweight, real-time Vietnamese ASR with local Gradio/Python deployment.

For further details on additional projects, please refer to [More Information](#).

Certificates

Deep Learning in Python Nov 29, 2024 Explore deep learning and build models using PyTorch framework.	Python Developer Sep 14, 2025 Professional Python skills in testing, Git, scraping, and OOP.	Machine Learning Engineer Nov 24, 2024 Master MLOps and deploy models for real-world expertise.
Python Essentials 2 Sep 29, 2024 Advanced Python with OOP and PCAP certification preparation.	OpenCV Bootcamp Sep 29, 2024 Master OpenCV for image, video, and object detection.	Machine Learning with Python Sep 30, 2024 Build neural networks with TensorFlow for NLP and reinforcement.

For a detailed and comprehensive list of certificates, please consult the additional information provided in the [More Information](#).

Work Experience

AI-Driven Marketing Supporter Description: Used AI to design targeted veggie diet campaigns, digital banners, content, and analytics-optimized slides. Drove AI-powered marketing to increase brand visibility, customer engagement, and promote plant-based lifestyles across digital and offline channels.	Karuna Veggie Restaurant 04/2025 – 05/2025
Web Developer Description: Created a PHP-MySQL internal management portal for HeathDental clinic, streamlining patient records and revenue tracking. Built responsive UI with secure database optimization and jQuery-powered image gallery for enhanced usability and operational efficiency.	Dr. Nhung Dental Clinic 01/2021 – 12/2021

More Information

All Projects • [danhtran2mind.github.io/projects](#) | All Certificates • [danhtran2mind.github.io/certificates](#) | Full CV • [danhtran2mind.github.io/cv](#)