



Tran Pham Cong Danh

An AI Engineer: Embracing AI, Powered by Passion



Sep 29, 1996



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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 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

Fine-tuned Whisper Tiny for Vietnamese speech recognition.

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

Certificates

Deep Learning in Python

[DataCamp](#)

Nov 29, 2024

Explore deep learning and build models using PyTorch framework.

Python Developer

[DataCamp](#)

Sep 14, 2025

Professional Python skills in testing, Git, scraping, and OOP.

Machine Learning Engineer

[DataCamp](#)

Nov 24, 2024

Master MLOps and deploy models for real-world expertise.

Python Essentials 2

[NetAcad](#)

Sep 29, 2024

Advanced Python with OOP and PCAP certification preparation.

OpenCV Bootcamp

[OpenCV](#)

Sep 29, 2024

Master OpenCV for image, video, and object detection.

Machine Learning with Python

[freeCodeCamp](#)

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

Karuna Veggie Restaurant

04/2025 – 05/2025

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.

Web Developer

Dr. Nhung Dental Clinic

01/2021 – 12/2021

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.

More Information

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