



TRẦN CÔNG CHIẾN

AI ENGINEER

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ABOUT ME

I am a final-year student majoring in Information Technology at the University of Transport and Communications, and I have a strong passion for Artificial Intelligence. Through my studies and online courses, I have built a foundational understanding of Computer Vision, Natural Language Processing (NLP), and Large Language Models (LLMs). My immediate goal is to find a fresher position where I can learn, gain practical experience, and apply my knowledge, particularly to understand the lifecycle of AI models, including Large Language Models. Looking ahead, I aim to become a capable AI Engineer and am very excited about the prospect of contributing to this field.

EDUCATION

2021 - 2025

University of Transport and Communications

Information Technology

- GPA: 3.43
- I have excelled in Data Structures and Algorithms (4.0/4.0), Applied Algorithms (4.0/4.0), Algorithm Analysis and Design (4.0/4.0), Artificial Intelligence (3.8/4.0), and Basic Machine Learning (3.8/4.0).
- Consolation Prize-University-level Informatics Olympiad - 2022
- Leetcode: <https://leetcode.com/u/tcc3281/>

SKILLS

Hard Skills

- Strong understanding of Data Structures and Algorithms
- Proficient in programming languages: Python, C++, and Java.
- Experienced in applying Machine Learning techniques using libraries and frameworks such as Scikit-learn, TensorFlow, PyTorch, Keras, and Transformers to build neural networks and fine-tune pre-trained models.
- Hands-on experience with Computer Vision, Natural Language Processing (NLP), and Large Language Models (LLMs), encompassing data preprocessing, understanding model architectures, and performing fine-tuning.
- Proficient in leveraging SQL, Firebase, and FastAPI to develop and integrate AI models into larger systems.
- Experienced with containerization using Docker and cloud computing platforms like AWS EC2.

Soft Skills

- Capable of researching, implementing, and presenting papers on state-of-the-art technologies.
- Proficient in English listening and reading comprehension.

WORK EXPERIENCES

02/2025 – 05/2025

AI4LI

AI Developer

This is a remote, non-profit community project for people with disabilities, led by Pham Dinh Lam, a research professor at the Contents Convergence Software Research Institute (CCSRI). My team is focusing on developing VLM and VQA models.

<https://ai4li.org/>

PROJECTS

Traffic Sign Recognition (TSR)

01/2025 – 06/2025

This is my Final Year Project about Computer Vision and Android System.

Developing the system to recognize sign for driver on android platform

- Build YOLO model and classification model such as MobileNet, EfficientNet, ResNet and combine them
- Design and Build Database and API
- Construct Android application
- Framework: PyTorch, Keras, FastAPI

https://github.com/tcc3281/Traffic_Sign

Chatbot

05/2025 – Present

Build Chatbot using API from LM studio and Langchain

- Using Langchain to manage history conservation, prompt engineering
- Using the models are loaded from LM studio
- This project is continue developing to be agent can use tools.

https://github.com/tcc3281/tcc_log

CERTIFICATES

Generative ai with large language models

(03/2025)

- Gain foundational knowledge, practical skills, and a functional understanding of how generative AI works
- Dive into the latest research on Gen AI to understand how companies are creating value with cutting-edge technology

Natural Language Processing with Classification and Vector Spaces

(03/2025)

Use logistic regression, naïve Bayes, and word vectors to implement sentiment analysis, complete analogies & translate words.

TOEIC

(01/2025)

810 score

PRIZES AND AWARDS

University-level Informatics Olympiad

10/2022

Consolation Prize

Faculty of Information Technology | UTC