



Dai Han TRAN

ENGINEERING STUDENT

4th-year engineering student seeking a 4-month internship starting mid-April 2024 in computer vision, deep learning, and image processing. Motivated and eager to contribute, I am open to any opportunity in France.

EDUCATION

INSA Centre Val de Loire

Engineering Degree in Industrial Systems Engineering

2021 - present

Blois, France



- Training divided into three main modules:
 - x Data acquisition and transmission.
 - x Analysis of collected information.
 - x Decision-making based on data analysis.
- Hands-on experience through various projects and practical work. (See curriculum)

PROJECTS

Personal projects

Dog vs. Cat Image Classification with CNN

January 2025

Blois, France

- Image classification using Convolutional Neural Networks (CNN).
- Data preprocessing and model training.
- Achieved accuracy: 77%, optimization in progress.

Academic Projects

Application Development - OOP Python

November 2024

Blois, France

- Implementation of a sports tournament management system.
- Support for knockout, round-robin, and combined formats.
- Match result tracking, ranking calculation, and CSV data export.

Academic Projects

Probability and Statistics

March 2024

Blois, France

- Data acquisition from Kaggle.
- Development of a phone price prediction model.
- Linear regression analysis using RStudio.

Academic Projects

Microcontroller Project (via PIC18F4520)

End of 2022
- Beginning of 2023

Blois, France

- Input/Output management.
- Analog-to-digital conversion (ADC).
- Timer utilization.
- Familiarization with serial and parallel communication: USART, SPI, I2C, etc.

EXPERIENCE

OLP'21 Procon

National Programming Contest

March 2022

Hanoi, Vietnam

- Represented ENS de Hué in a national competition.
- Designed solutions for advanced algorithm and data structure problems in C/C++.
- Achieved third place in the competition.



SKILLS

Knowledge

Machine Learning, Deep Learning, Electronics, Engineering, Object-Oriented, Programming (OOP), Signal Processing

Programming Languages

Python, C, C++, RStudio, Git & GitHub, PLC Ladder, MATLAB

Frameworks

TensorFlow, Keras, OpenCV, Scikit-learn, Numpy, Pandas, Matplotlib, Tkinter

Environment & IDE:

Visual Code Studio, Pycharm, CodeBlocks, SolidWorks

CONTACT

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LANGUAGES

French: Fluent

Certificate DELF B1 (05/2023)

English: Fluent

Certificate TOEIC 720/990 (02/2025)

Vietnamese: Native

INTERESTS & EXTRA CURRICULAR ACTIVITIES

Reading

Passion for articles on technology, personal development, and current events.



Sports

Regular practice of running or football, and participation in team activities to strengthen teamwork skills.



Music

Diverse musical taste, ranging from classical to modern genres.



Design

Interest in graphic design and exploration of visual creation software such as Photoshop and Illustrator.

