DOAN TRAN CAO TRI

ARTIFICIAL INTELLIGENCE RESEARCHER

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PROFILE

Hello, nice to introduce myself to you. As a computer science student at Ho Chi Minh University of Technology, I am passionate about coding, mathematics, and business. I also enjoy communicating with others and working in teams to achieve common goals. What truly drives me, however, is my love for machine learning. With a strong foundation in these fields, I am eager to apply my skills and knowledge to contribute to the industry and our country.

WORK EXPERIENCE

June, 2023 - Present
Query data with natural language
Science Research
Ho Chi Minh University of Technology

- Developing a system in which users can query data in the database using natural language questions.
- Training Large Language Model to generate SQL commands from natural language questions.

June, 2023 - Present
Chart Question Answering
Ho Chi Minh University of Technology

- Training the DONUT deep learning model to detect information from chart images and organize it into structured data, such as JSON in Vietnamese.
- Training the MATCHA deep learning model to answer user questions about their charts input in Vietnamese.

June, 2023 - August, 2023
Horusoftace Internship

- Developing a system in which users can share their own posts with just one click, including wireframe and a database using Django.
- Developing a system that allows users to easily find foreign jobs using Django and a Postgres database.
- Training a deep learning model to detect information from medical documents like Optical Character Recognition task

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ACHIEVEMENT

2021-2024

- Talented engineering students at Ho Chi Minh University of Technology

2021

- Participation in the ICPC South Regional Programming Contest

2023

- Bach Khoa Innovative Entrepreneurship 2023

2023

- Innovative Entrepreneurial Thinking and Process for Students in the Technology Era

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EDUCATION

2022 - 2025

- Master of Computer Science at Ho Chi Minh University of Technology

2021 - 2024

- Talented engineering students at Ho Chi Minh University of Technology

2020 - 2024

- Bachelor's degree in Computer Science at Ho Chi Minh University of Technology

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SKILLS

Machine Learning
- Computer Vision and Natural Language Processing
- Python: PyTorch, Tensorflow, transformer
- Others: Huggingface, Kaggle, Jupyter, Google Colab, Azure, Roboflow

Problem Solving
- Codeforce: 1641 - expert
- ICPC contestant (2021)

English
- TOEIC 665 (2022)
- IELTS 5.0 (2018)

ACTIVITIES

2024

- VPBank VnExpress Marathon Ho Chi Minh City Midnight 5km distance

2021 + 2020

- Inspiration at Career Guidance Activities of "Đại sứ Bách khoa" Club, known as BKFC

2021

- Establishing a "Study Together" group during the Covid pandemic.

2020

- Volunteering at Ngoc Tuong Widow