

Dang Van Nhan

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CAREER OBJECTIVE

- IT undergraduate with a strong interest in AI, Machine Learning, and Computer Vision.
- Passionate about developing ethical, impactful technologies to solve real-world problems.
- Seeking opportunities to grow as an AI/ML Engineer/Researcher through hands-on projects and research.

EDUCATION

Hanoi University of Science and Technology (HUST)

Bachelor of Science in Global ICT Program

CGPA (as of 20242 semester): 3.80/4.00

Hanoi, Vietnam

Sep, 2022 – Sep, 2026 (expected)

Tran Phu Gifted High School

Specialized Student in Informatics

GPA: 9.37/10.00

Haiphong, Vietnam

Jul, 2019 – Jul, 2022

SKILLS

Programming Languages

C, C++, Python, Java, SQL,...

Libraries & Frameworks

PyTorch, TensorFlow, OpenCV, NumPy, Pandas, Matplotlib,...

Tools & Platforms

Git, GitHub, Jupyter Notebook,...

Core CS & Math

Data Structures & Algorithms, Object-oriented Programming, Discrete Math, Linear Algebra, Calculus, Probability & Statistics

Soft Skills

Problem Solving, Teamwork, Time Management, Critical Thinking, Adaptability

Languages

Vietnamese (Native), English (Upper-intermediate)

HONORS & AWARDS

HUST Academic Achievement Scholarship, Grade: Excellent

Awarded for top 8% academic performance in semesters 2023.1, 2024.2, and expected for 2025.1.

Participant, Vietnam Olympiad in Informatics (VOI) 2022

Mar, 2022

Participated in Vietnam's most prestigious national informatics contest for high school students.

Second Prize, Provincial Informatics Contest

Sep, 2021

EXPERIENCE

BKAI Research Center, HUST

Research Assistant

Hanoi, Vietnam

Sep, 2024 – Present

- Conducted research in **Computer Vision** lab on image/video analysis.
- Applied deep learning models to analyze and detect anomaly events in videos and images.

SoICT, HUST

Teaching Assistant

Hanoi, Vietnam

Sep, 2024 – Jul, 2025

- Assisted in lab sessions for **Data Structures and Algorithms** courses.
- Got certificates of recognition for outstanding performance in this activity.

PROJECTS

Fake News Detection

Project Score: 9/10

[GitHub](#)

- Built multi-domain fake news classifier using fine-tuned **XLNet**, **RoBERTa**, and **DeBERTa** models **achieving** robust cross-domain performance.
- Implemented 3 training strategies and ensemble methods improving classification accuracy across COVID-19, politics, and entertainment domains.

AIMS: An Internet Media Store

[GitHub](#)

Project Score: 10/10 (Functionality & UI), 8.5/10 (Design)

- Developed full-stack e-commerce platform using **React**, **Spring Boot**, **PostgreSQL** supporting complete shopping workflow.
- Integrated VNPay payment gateway with ngrok tunneling enabling secure transaction processing.
- Led team with backend development and system design delivering production-ready application.

Money Manager

[GitHub](#)

Project Score: 9/10

- **Created** cross-platform finance app using **React Native**.
- Integrated **MC-OCR** to scan **Vietnamese** receipts and automatically convert them into transactions.
- Developed AI chatbot via n8n automation providing personalized financial insights.

Sign Language Recognition

[GitHub](#)

Side Project

- Built a flexible hand sign recognition system based on the ASL Alphabet Dataset.
- Used **EfficientNet-B0** as a feature extractor for a **few-shot learning** pipeline achieving 97% accuracy.

Movie Ticketing System

[GitHub](#)

Project Score: 9/10 (Top-1 project in class)

- Designed and implemented a **relational database system** for cinema ticket booking.
- Led team with **schema design** and **query optimization**.

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Youth Union – Student Association, SoICT, HUST

Hanoi, Vietnam

Former Member, Information & Foreign Affairs Department

Dec, 2023 – Jul, 2025

- Supported communication efforts and external relations for various student-led events.
- Assisted in content creation and promotional strategies to enhance outreach and engagement.
- Contributed to building partnerships and maintaining a positive image for the organization.

SoICT Student Volunteer Team (VIT), HUST

Hanoi, Vietnam

Former Head of Administrative Affairs

Dec, 2022 – Dec, 2024

- Managed internal operations and discipline for a team of over 200 volunteers.
- Led HUST's key volunteer campaigns: Loving Spring and Green Summer with 60-70 participants.
- Awarded Certificate of Merit for outstanding contributions over 2 years.