

Van-Nhan Dang

✉ lucasdang04@gmail.com ☎ +84 343 356 814 🌐 [lucas-nhandang](#) 📱 [lucasnhandang](#)

EDUCATION

School of Information and Communication Technology (SoICT) *September 2022 - September 2026*
Hanoi University of Science and Technology (HUST), Hanoi, Vietnam

BSc. in Global ICT Program

CPA: 3.75/4.00

Tran Phu Gifted High School, Haiphong, Vietnam

July 2019 - July 2022

Specialized Pupil in Informatics

GPA: 9.37/10.00

SKILLS

Programming Languages	C, C++, Java, Python, SQL
Math & Basic Science	Calculus, Algebra, Probability & Statistics, Discrete Math, Basic Physics
Industrial Core	Data Structures & Algorithms, Object-oriented Programming,...
Libraries & Tools	PyTorch, NumPy, Pandas, Git, GitHub, OpenCV, Matplotlib,...
Soft Skills	Problem-solving, Teamwork, Time Management, Critical Thinking
Languages	Vietnamese (Native), English (Advanced)

HONORS & AWARDS

HUST 2024.2 Academic Achievement Scholarship, Grade: Excellent *April 2025*

HUST 2023.1 Academic Achievement Scholarship, Grade: Excellent *November 2023*

Vietnam Olympiad in Informatics (VOI) 2022 Participant *March 2022*

Second Prize, Haiphong City Excellent Student Contest in Informatics *September 2021*

EXPERIENCE

Research Assistant *September 2024 - Now*

[BK.AI](#), [SoICT](#), [HUST](#)

Participated in **Computer Vision** lab, focusing on image and video processing tasks, particularly anomaly detection in videos using Deep Learning algorithms such as CNNs, RNNs, Transformer-based models,...

Teaching Assistant *September 2024 - Now*

[SoICT](#), [HUST](#)

Worked as a teaching assistant for **Data Structures and Algorithms Basic Lab** courses during the 2024.1 and 2024.2 semesters, assisting students in mastering the C programming language and applying it to real-world problems.

PROJECTS

Movie Ticketing System [GitHub](#)

- This project is the final assignment for **Database Lab** course, developed by a team of three.
- It focuses on designing and implementing a database system for movie ticket bookings.
- As the team leader, I designed the Entity-Relationship Diagram, mapped it to a Relational Schema, and optimized performance using indexes and materialized views.

Movie Recommendation System [GitHub](#)

- This project is the capstone assignment for **Introduction to Artificial Intelligence** course.
- It evaluates three recommendation models to enhance website user experience.
- I developed and optimized the FunkSVD model while contributing to the report and proposal.

Data Structures Visualization [GitHub](#)

- This is a capstone project for **Object-Oriented Programming** course.

- It visualizes operations on **stack**, **queue**, and **list** through a graphical interface.
- I implemented the stack visualization, wrote the report, and conducted application testing.

EXTRA-CURRICULAR ACTIVITIES

Member

December 2023 - Now

[Youth Union - Student Association of SoICT, HUST](#)

- Member of **Information, Propaganda & Foreign Affairs Department**.
- Received certificate of merit for **outstanding achievements in Youth Union work and youth movements** in the academic years 2022-2023 and 2023-2024.

Volunteer

December 2022 - December 2024

[SoICT Student Volunteer Team \(VIT\), HUST](#)

- Actively participated in volunteer activities.
- Took part in HUST's major volunteer campaigns: **Loving Spring (Xuân yêu thương)** and **Green Summer (Mùa hè xanh)**.

PERSONALITY

- **Thinking & Work Skills**
 - Diligent, hardworking, and responsible.
 - Quick learner, adaptable, and positive mindset.
- **Work Ethic & Attitude**
 - Proactive, reliable, and resilient under pressure.
 - Strives for efficiency and continuous improvement.
- **Communication & Teamwork**
 - Strong teamwork and collaboration skills.
 - Composed and effective in challenging situations.
- **Passion & Career Orientation**
 - Passionate about Artificial Intelligence, Computer Vision, Natural Language Processing and Generative AI.
 - Continuously learning and embracing challenges.