NGUYEN DUNG

CONTACT

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EDUCATION

2019 - 2022
THAI NGUYEN FOR GIFTED STUDENT

- Advanced mathematics class.

2022 - 2026
HUST

- Computer Science
- CPA: 3.44 / 4.0

SKILLS

- Project Management
- Problem Solving
- Coding
- OOP
- Data struture and algorithms
- Database, SQL
- Python, C, C++, Java, Javascript
- Pytorch, OpenCV, numpy, pandas, git

LANGUAGES

- English

OVERVIEW

A highly motivated Computer Science student at HUST with a strong foundation in software development, data structures, and algorithms. I am eager to apply my technical skills in real-world projects, with a specific interest in computer vision and machine learning. My short-term goal is to gain hands-on experience in advanced research areas such as Optical Character Recognition (OCR), facial recognition, and object classification and detection. In the long term, I aspire to develop a deep expertise in computer vision, translating theoretical knowledge into impactful applications that drive innovation and address real-world challenges.

PET PROJECTS

Recognize Trash System   DEC 2023

- Develop a waste classification and recognition system to support more effective environmental management.
- Processed and labeled image data related to various types of waste, Fine-tuned the model to improve accuracy and address challenges in classifying and recognizing complex waste types.

News Aggregator   FEB 2024

- Developed a desktop application to automatically crawl and aggregate Bitcoin-related news from various websites.
- Led the project team as backend developer, overseeing integration and data management.

Classfication Fashion-MNIST   AUG 2024

- Build an image classification model to identify and categorize different types of clothing items using Softmax Regression. Achieved an accuracy of 86%.

DATA4LIFE   AUG 2024

- Processed extensive datasets and fine-tuned the YOLOv10 model for object detection tasks.
- Addressed a real-world problem by implementing a solution to count vehicles from aerial images.

BKAI-CV-Projects   NOW

- Leveraging computer vision to tackle practical challenges such as object counting, image depth estimation, and scene analysis.
- Continuously enhancing skills through hands-on problem-solving in computer vision.

ACHIEVEMENTS

- Achieved 1st prize in Mathematics for the years 2021-2022 and secured 2nd prize in Mathematics for the years 2019-2020 and 2020-2021.
- Contributed as a member of Thai Nguyen's national Mathematics team throughout 2020-2021 and 2021-2022.
- Received 1st prize at HackScience in 2023.