

TRAN LY NHAT HAO

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EDUCATION

University of Science - Vietnam National University, Ho Chi Minh City, Vietnam

Bachelor of Science in Information Technology

Sep. 2023 – Sep. 2024

Current GPA: 8.5 / 10.0

Relevant courses: Data Structures & Algorithms, Computer Systems, Computer Network, Multivariable Calculus, Linear Algebra, Statistics, Discrete Structures, General Physics

SKILLS

Programming Languages: C/C++, Python, JavaScript, TypeScript, LaTeX, Markdown, Shell

Frameworks: ExpressJS, NextJS, ReactJS, Flask, Starlette, tRPC, Bootstrap, Tailwind

Tools: Postman, MongoDB, Mongoose, Git-Github, Vercel, JetBrains' IDEs, Docker, WebAssembly, Mathematica, Maple, Matlab, Google Colab, Anaconda-Navigator, Firebase

Editor: Neovim

Languages: English (B2), German (beginner), Vietnamese (native speaker)

PROJECTS

Neovim - config, Ho Chi Minh City, Viet Nam

Topic: Neovim Configuration for Software Development

Feb. 2024 – Ongoing.

- Customized Neovim to streamline development workflow with integrated plugins, Lua scripting, and LSP for enhanced coding efficiency and language support. Optimized productivity through tailored keybindings, auto-completion, and Git integration.

Task - management, Ho Chi Minh City, Viet Nam

Topic: Backend API Service

Jul. 2024 – Oct. 2024

- A task management application backend designed to handle task organization and tracking efficiently. This project focuses on the backend logic, including task creation, updating, and status management.
- Technology Stack: Node.js, Express, MongoDB (or any database you're using), and deployed on Vercel for backend hosting.
- Features: Task CRUD, JWT auth, password reset via email.

Portfolio, Ho Chi Minh City, Viet Nam

Topic: Portfolio for Software Development

Jul. 2024 – Oct. 2024

- Developed a fully responsive portfolio website using Next.js and TypeScript, deployed on Vercel. The website showcases my projects and includes blog pages built with MDX for dynamic content integration. Implemented custom UI components using SCSS and managed articles with gray-matter for markdown support. Unit tested with Jest, and ensured code quality with ESLint and Prettier.

OCR - Project, Ho Chi Minh City, Viet Nam

Topic: Optical Character Recognition

Nov. 2023 – Dec. 2023

- This project utilizes several technologies, including Keras and TensorFlow, for deep learning tasks. Specifically, it employs a pre-trained deep learning model, possibly YOLOv5, for object detection to locate the license plate region within the input image.
- OCR (Optical Character Recognition) technology, facilitated by pytesseract, is applied to extract text information from the detected region.

AWARDS

Gold League (more 30000 points) - Google Cloud (membership) 2024

Mar. 2024 – Ongoing

ACTIVITIES

- Participated in the AI Challenge 2024
- The technical team member of the academic challenge competition Thach Thuc - Faculty of Information Technology - VNUHCM-US ([Thach Thuc](#))
- Participated in the VNOI CUP 2024 competition ([competition link](#))
- Participated GDSC Challenge (Solution Challenge Global) 2024
- Participated GDSC Hackathon Vietnam (Ho Chi Minh City) 2024
- Participated in the AI in Medicine seminar by VietAI ([seminar link](#))
- Volunteer at the Google AI for the Future Career workshop
- QuanQuanGCP6 ([profile link](#))
- Participated Vietnam Datathon 2023
- ChienBinhAndroid 2023