

MINH THIÊN HOÀNG

(+84) 353 160 723 | hoangminhthien05022009@gmail.com | github.com/hmthien050209

EDUCATION

High School for the Gifted, VNUHCM

Student of Specialized Interdisciplinary Informatics class

HCMC, Vietnam

Aug. 2024 – Present

HONORS AND AWARDS

Excellent student at city competition.

Third prize

HCMC, Vietnam

Mar. 2023

PROJECTS

Thanh Sắc Việt website | *Nuxt, anime.js*

Apr. 2025 – Present

- A website to introduce Vietnamese musical cultural activities.
- This is a Fulbright Spring STEM Mentorship project.
- Reached the Lighthouse score of 96.
- Helped me learn how to animate the website elements, how to optimize the performance, how to prevent issues with SSR vs. normal SPA development.

tgboj-v2, tgboj-v2-docker | *Python, Docker, Caddy*

Feb. 2025 – Present

- An online judge platform forked from VNOJ.
- The NGINX setup was migrated to Caddy (to reduce maintenance hassle).
- This platform is now running smoothly at oj.giftedbat.edu.vn. The entire system was migrated to a new server, updated with new features, and the old data was migrated in approximately 8 hours of work.

ubuntu-post-install | *Ansible YAML*

Feb. 2025 – Present

- A post-install Ansible playbook for Ubuntu Desktop and Server.
- This project was used in production in the tgboj-v2 project mentioned above.

PTNK IDE | *Vue, ASP.NET Core, Docker*

Dec. 2024 – Present

- I'm the main developer of the project.
- Developed for non-Informatics-specialized students of my school to reduce device setup hassle and maintain consistency between judging and testing environments.
- This project was developed in about 50 hours of code (monitored with WakaTime).

PTNKOJ | *Python, Docker*

Nov. 2024 – Present

- I'm one of the platform's judge maintainers and main assistant.
- My job was assisting with VPS maintenance and file synchronization across judges.

mowfymy.netlify.app | *Vue, TailwindCSS, Astro*

June 2023 – Present

- A blog website developed for my foreign English teaching assistant.
- Post and media managed via Sanity Studio and deployed using Netlify.
- Support dark and light themes.
- My first project ever for external customers (but it's developed for free).

access-c6-game, access-self-check-game | *Vue, TailwindCSS, Socket.io*

Nov. 2023

- Improved version of "quiz-game" and "history-quiz-game" for use in my English presentations to review my class lessons.
- Client-server interactivity via WebSocket using Socket.io.
- Currently only supports LAN connections.
- Helped me learn how to establish and maintain real-time connections between devices.

quiz-game, history-quiz-game | *Vue, TailwindCSS*

Feb. 2023 – Sep. 2023

- Quiz games for use in literature presentation ("quiz-game" - the original version) and improved version ("history-quiz-game") for use in history presentation in my class.
- Random wheel embeddable via the "iframe" element.
- Crossword-like to make the game more attractive.
- Reusable by configuring quizzes inside the "quizes.ts" file (JSON file not yet supported).
- Helped me perfect my web developing skills for use in production (in front of 40 people).

hmthien050209.github.io | *Vue, TailwindCSS*

Jan. 2023 – Present

- This is my website.
- My first project ever using Vue, TailwindCSS, and GitHub Actions.
- Introduced me to the web development world.

app_dieu_khien_gau, app_trieu_hoi_gau | *Flutter*

July 2022 – July 2022

- Some (joke) applications that are cloned from Toidicodedao's videos:
 - * YouTube: app_trieu_hoi_gau
 - * YouTube: app_dieu_khien_gau
- Helped me learn Flutter and the basics of state management.

fedora-post-install-script | *Python, Bash*

Nov. 2021 – Dec. 2022

- A post-install script for Fedora Linux.
- The first version was written in Python, now in Bash.
- TUI-supported.
- This is the first project I created when I began the Linux journey.

TECHNICAL SKILLS

Languages: C / C++, C#, HTML, CSS, SCSS, JavaScript, TypeScript, Go, Python, Bash

Frameworks: Vue.js, NestJS, Nuxt, Astro, WPF, AvaloniaUI, Flutter, Entity Framework, ASP.NET Core

Developer Tools: Git, Docker (and Docker Compose), Ansible, GitHub Actions, Netlify, Supabase, Firebase, VS Code, Visual Studio, Rider, GoLand, IntelliJ IDEA, WebStorm, DataGrip, Android Studio, Caddy

OSes: Fedora Linux, Ubuntu Linux, Windows

OTHER SKILLS

Languages: Vietnamese (first language), English (intermediate)

Skills: Google Workspace, LaTeX, some knowledge of networking and electrical engineering, basic understanding of Machine Learning (with Kaggle certificates)

Interests: Listening to music, reading books (about the economy and IT, especially O'Reilly released ones like "Designing Data-intensive Applications" or "Software Engineering at Google"), reading online blogs (related to IT optimization problems or scaling big systems like the Discord Engineering Blog and Daniel Lemire's blog)