

Nguyen Huu Hoang Minh

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Education

University of Science, VNU-HCM

Bachelor, Advanced Program in Computer Science (APCS). GPA: 3.90 / 4.0

Ho Chi Minh City, Vietnam
2022-Now

Huynh Man Dat High School for the gifted

Mathematics specialist

Rach Gia, Kien Giang
2019-2022

Skills

Programming Language: Java, C++, Python, JavaScript

Framework: Spring, TailwindCSS, Express.js

Language: Vietnamese (Native speaker), English

Experience

GihOt Studio

Intern Back-End Developer

Ho Chi Minh City, Vietnam
Jun-16-2025 - Aug-8-2025

Technologies: Java 17, Spring, MongoDB, Websocket

- Designed and implemented the entire game-server stack for a real-time multiplayer title that blends MOBA, RTS and minion-control mechanics.
- Built RESTful micro-services with Java 17 / Spring Boot for user authentication, matchmaking and room/lobby management; persisted player and game data in MongoDB.
- Developed a low-latency Netty-powered WebSocket gateway; created a custom TLV (type-length-value) binary protocol to stream gameplay events between client and server.
- Optimized thread-pool usage, I/O pipelines, message serialization and message sending mechanics.

Projects

Clothing & Lifestyle Store (Personal Project)

May 2025 - Now

Technologies: React, TailwindCSS, Node.js, MongoDB

Built a complete online store from scratch: ReactJS + TailwindCSS frontend, Express/NodeJS REST API and MongoDB persistence.

- Implemented core buyer flows: account creation & JWT-based login, product catalogue, shopping cart, checkout and order confirmation.
- Designed an admin dashboard for store owners to review real-time sales metrics, manage inventory and track incoming orders.
- Added calendar module that lets customers book one-to-one meetings with the store owner; integrated e-mail notifications for both parties.
- Configured CI/CD pipeline: frontend auto-deployed to Netlify; backend containerised and hosted on private VPS with NGINX reverse proxy and HTTPS.
- Emphasised responsive UI, clean component architecture and modular API design to enable easy feature expansion and maintenance.

Github: <https://github.com/orgs/AodaimaysanDev/repositories>

Live web: <https://aodaimaysancodinh.netlify.app/>

Publications

AI-Generated Image Recognition via Fusion of CNNs and Vision Transformers

Sept 2024 - Dec 2024

Xuan-Bach Mai, Hoang-Minh Nguyen Huu, Quoc-Nghia Nguyen, Hoang-Tung Vu, Minh-Triet Tran, Trung-Nghia Le

Proceedings of the 13th International Symposium on Information and Communication Technology (SOICT 2024), CCIS Volume

Springer: https://link.springer.com/chapter/10.1007/978-981-96-4282-3_6

Awards

Second prize - Kien Giang Olympiad in Informatics - 2021

Consolation prize - Vietnam Olympiad in Informatics - 2022

Vallet Scholarship 2022 - Rencontres du Vietnam and Professor Odon Vallet

First prize - ICPC University Round - 2022 - Team **HCMUS-Potatoes**

Co-second prize - ICPC Asia Ho Chi Minh City Regional Contest - 2022 - Team **HCMUS-Potatoes**