

Education

Anticipated 2026 **Bachelor of Information Technology**, *VNU-HCM University of Science*, High-quality program.
GPA: 3.42 / 4.0

Technical Skills

- Languages PYTHON, C/C++, JAVASCRIPT/TYPESCRIPT
- Frameworks QT, EXPRESS, NEXTJS
- Databases MONGODB
- Others GIT(GITHUB)

Knowledge and Expertise

- OOP Familiar with principles of OOP and their application in software development.
- Design Patterns Basic knowledge of common design patterns and their use in software engineering.
- RESTful API Have some knowledge with designing and implementing RESTful APIs.

Other Skills

- English Able to read and understand English; competent in communication to some extent.

Github Projects

- Github Profile [Link](#)
- [Github Repo](#) **Visual Algorithm Simulator.**
Description: A visual algorithm simulator inspired by [VisualAlgo](#), offering interactive visualizations of data structures and algorithms.

Technologies Used: C++, SFML
Key Features:
 - Interactive visualizations for linked list databases.
 - Step-by-step algorithm execution for enhanced understanding.
 - Real-time graphics and animations using SFML for smooth interactivity.
- [Github Repo](#) **Crossing-Road Game.**
Description: A crossing-road game where players navigate through traffic, avoiding obstacles. The game features endless gameplay and save/load functionality.

Technologies Used: C++, WIN32API
Key Features:
 - Save and load functionality to resume progress.
 - Endless gameplay mode with continuous challenges.
- [Github Repo](#) **Gogle - Trip Recommendation Platform.**
Description: A trip planning platform designed to recommend locations in Ho Chi Minh City.

Technologies Used: NEXT.JS, MONGODB, ATLAS FULL-TEXT SEARCH
Role: Backend Developer
Responsibilities:
 - Implemented authentication and authorization mechanisms.
 - Defined the database schema to support application features.
 - Developed and maintained APIs for platform functionality.
 - Integrated full-text search capabilities using MongoDB Atlas.

Achievements & Honors

- 2024 **3rd Place at Thach Thuc 2024.**
[HCMUS Thach thuc](#)
- 2023 **Runner-up at Coding Challenge 2023.**
[Coding Challenge fanpage](#)
- 2022 **Second Prize at HCMC Excellent Students in Informatics Contests 2021-2022.**
High School level
- 2021 **Silver Medal at April 30th Olympic Competition in Informatics 2020-2021.**
High School level