

# LAC THIEU QUAN

Ho Chi Minh City

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## EDUCATION

### University of Science

Junior Student, GPA: 3.8

Sep. 2021

Ho Chi Minh City

## TECHNICAL SKILLS

**Languages:** Python, Java, C/C++, HTML/CSS, JavaScript, SQL, Dart, Kotlin

**Technologies/Frameworks:** GitHub, Nodejs, Bootstrap, SpringBoot, MongoDB, Docker, React Native

**English:** IELTS 7.0

## RELEVANT COURSEWORK

- Data Structures
- Software Methodology
- Object-oriented programming
- Database Management
- Artificial Intelligence
- Java Application Programming
- Operation System
- Computer Network
- Web Application Programming

## PROJECTS

### Advertisement Management Website | HTML/CSS, Javascript, MongoDB, Nodejs, Expressjs

September 2023

- This web application incorporates a map (Mapbox API) for advertising placement management, catering to four distinct roles: citizen, department staff, district staff, and ward staff. For citizens, creating an account is optional; they can access the website directly to explore authorized locations for placing advertising boards. Citizens also have the ability to submit reports through the system, which will be handled by government staff. The remaining three roles—department staff, district staff, and ward staff—have permissions to modify data and process submitted reports, enhancing the collaborative functionality of the system.
- Responsibilities: Designing UI using Figma, front-end and back-end side implementing, testing
- [Github Repository](#)

### Chat Application | Java, Swing, Spring Boot, PostgreSQL

September 2023

- This chat application defines two distinct roles: user and admin. Admin has the ability to access statistical data, generate new user accounts, remove existing accounts, conversations, e.g. Users need to register for their personal accounts to log in to the system, enabling them to discover and chat with friends in group or in private mode. Chat UI is created by using Java Swing which is a relatively outdated framework. The application's database is built on PostgreSQL and the backend side is implemented using Spring Boot. Clients get data from the API provided by backend and the real-time chat is handled by Java WebSocket.
- Responsibilities: Designing database, implementing chat UI, implementing API services
- [Github Repository](#)

### Medical Booking Website | Javascript, HTML, CSS, Nodejs, MongoDB

May 2023

- A web application in which clients are given access to health facilities. Users can view clinic details, schedule appointments, and manage their personal medical bookings. There are 3 roles: clients, administrators, and clinics. Each of them has specific access permission to the website.
- Responsibilities: Product owner, FE + BE developer, architecture designer.
- [Github Repository](#)

## EXTRACURRICULAR

### GDSC Hackathon

2024

Our team has passed the idea stage and entered the Online Hackathon stage

### Thach Thuc's organization board

2023

Was a member in technological department

## AWARDS

### Top 5 students having the highest GPAs

2022 & 2023

Achieve this award in two consecutive years (freshman and sophomore year)

### Year and semester scholarship

2022 & 2023