LAC THIEU QUAN

Ho Chi Minh City

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EDUCATION

University of Science — **Sep. 2021**
Junior Student, GPA: 3.8 — *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 Chat UI is created by using Java Swing which is a relatively outdated framework.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**