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Cao Minh Quan

Software Engineer Intern

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EDUCATION

Ho Chi Minh City **University of Information Technology** **Sep 2021 – Expected Jun 2025**

- B.S.E In Computer Networks and Communications.
- Coursework: Data Structures & Algorithms; Object-Oriented Programming; Databases; Mobile Application Development; Operating System; Networks and Systems Administration; Embedded System.

CERTIFICATES

- Coursera's Meta Front End Engineer
- Udemy's JavaScript Course
- freeCodeCamp's JavaScript Algorithms and Data Structures

EXPERIENCES

Cookhub **Oct 2023 – Jan 2024**

A mobile application for a social networking platform focused on sharing cooking recipes, as part of a coursework project in mobile app development.

Responsibilities:

- Utilized Flutter framework to implement responsive and visually appealing user UI.
- Using GetX for state management apply MVC architecture and Firebase for storage.
- Integrated seamlessly with backend services and RESTful API to ensure efficient communication, data flow.

Portfolio

Nov 2023 – Dec 2023

A portfolio website presents my work, achievements, skills, and experiences. It functions as a visual resume, enabling me to exhibit my abilities to employers.

Responsibilities:

- Innovated UI/UX designs using Figma, ensuring responsiveness across diverse screens.
- Using NextJS, TailwindCSS with JavaScript to meet requirements for both quality and timely delivery.
- Implemented SEO strategies for improved search engine visibility and enhanced rendering performance.

eGreenBin

Dec 2022 – May 2023

A project for teachers to manage student's garbage disposal using an IoT and AI-enabled system. Recognized in the **Top 100** worldwide at the Google Solution Challenge 2023, involved a team of **4 members**.

Responsibilities:

- Built an IoT system with **3 hosts**. Collected sensor data using Arduino, implemented WebSocket protocol on ESP8266 and Flutter app for real-time data exchange and synchronization.
- Conducted testing with **100+ users**, ensuring system performance and user-friendliness.

ACTIVITIES

Chapter Lead **Google Developer Student Clubs** **Aug 2023 – Present**

GDSCs are university based community groups for students interested in Google technologies. Help students bridge the gap between theory and practice.

- Managed, monitored software project progress, and oversaw development.
- Collaborated with GDSCs member, crafted tech competition content, and built community projects.

Front-End Developer

Nov 2022 – Jul 2023

- Collaborated with the development team, using ReactJS, Tailwind to build and maintain the club's website.
- Work with sitemaps, userflows, wireframes, and other information design documents.

AWARDS

- **Top 100 globally** **Google Solution Challenge 2023** **May 2023**
- **Top 1 nationally** **GDSC Hackathon Vietnam 2023** **Mar 2023**

LANGUAGES AND TECHNOLOGIES

- JavaScript, C/C++, Dart, Java, MongoDB, MySQL, PostgreSQL.
- HTML, CSS, ReactJS, NextJS, NodeJS, Flutter, Tailwind, Arduino, Docker, Git.