



## PROFILE

- 0785718472
- tdmquan77@gmail.com
- Portfolio:  
<https://tdmquan.github.io/Portfolio/>
- Ho Chi Minh City

## SKILLS

### TECHNICAL SKILLS

#### PROGRAMMING LANGUAGE

C++, Python, Java

#### DATABASE

MS SQL SERVER, MongoDB, MySQL

#### WEB

HTML, CSS, Javascript, NodeJS, Express.js

#### PROGRAMMING SKILLS

Data structures and algorithms, OOP, DBMS, REST API, security

#### OTHERS

Git/Github, JUnit/TestNG, Figma

### ENGLISH

Reading and writing: Good

Listening and speaking: Basic

### SOFT SKILLS

Creative thinking, problem-solving, independent work, initiative, good teamwork ability, and time management skills.

## EDUCATION

### SOFTWARE ENGINEERING

2020 - Present

Sai Gon University

Expected graduation date:  
07/01/2025

# TRUONG DIEP MANH QUAN

## BACKEND DEVELOPER INTERNSHIP

### OBJECTIVE

Successfully in back-end developer internship job and gain more experience in Software industry.

Become a senior backend developer in the next 5 years.

### PROJECT

#### PERSONAL PROJECT

October 2023 - December 2023

##### Simple E-commerce Website | Full-stack Developer

Brief: Web application design base on MVC model with basic function: login, search, add, view, update, remove item in cart online and manage items, item categories.

Url: <https://github.com/tdmquan/Shopping-Cart>

Technologies: Node.js & Express.js, MongoDB & Mongoose, bcryptjs, body-parser, EJS (Embedded JavaScript), express-fileupload, express-session, express-validator, Passport.js, fs-extra, mkdirp, Postman.

Description:

- Designed and developed the entire website, including both front-end and back-end components.
- Utilized EJS (Embedded JavaScript) templates to create dynamic and responsive web pages for the user interface.
- Implemented server-side logic using Node.js and Express.js to handle user requests, process orders, and manage the database.
- Created REST APIs to facilitate communication between the front-end and back-end.
- Implemented user authentication and authorization to secure the website.
- Used MongoDB to store and manage product information, user data, and orders.
- Tested and debugged the application to ensure functionality and performance.

#### GROUP PROJECT

March 2023 - April 2023

##### Music Player Application | Backend Developer

Brief: An easy-to-use application allows users to enjoy their favorite music effortlessly. With a friendly interface and flexibility, users can play, pause, skip songs, and manage songs conveniently.

Url: <https://github.com/tdmquan/music-player>

Technologies: Python, Tkinter, Pygame, PIL, Threading.

Description:

- Responsibilities:
  - Developed core functionalities such as playing, pausing, and stopping music.
  - Implemented features to add songs or playlists to the application.
  - Coded the functionality to adjust the volume.
  - Utilized Pygame for handling music playback, supporting formats such as .mp3, .wav, and .flac.
  - Built a static website using HTML, CSS, and JavaScript to guide installation on Linux and Windows.
  - Researched and successfully used PyInstaller to convert Python (.py) scripts to Windows executable (.exe) files.
- Team Contributions:
  - Collaborated closely with two team members responsible for designing the user interface and implementing additional functionalities using Tkinter and PIL.
  - Actively participated in regular team meetings to ensure effective coordination of tasks and seamless integration of project components.