

# Nguyen Minh Duc

Final-year student

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📅 03/03/2003

📍 482/15/39B Dien Bien Phu, Ward 11, District 10, TP Hồ Chí Minh

🌐 [minhduc.streamlit.app/](https://minhduc.streamlit.app/)

I am a final-year student pursuing a degree in Computer Science with a strong focus on software development. I have hands-on experience in database management and web application development, particularly using Sequelize to manage complex data models. I have developed a Library system for book borrowing and am currently building a Large Language Model (LLM) application for web and mobile platforms. I am highly motivated, detail-oriented, and possess a strong passion for learning and innovation. My collaborative spirit and positive attitude drive me to continuously improve my skills and contribute to impactful projects in the IT industry.

## ◆ EDUCATION

- ◆ 10/2021 - Now **Vietnamese German University**  
Computer Science  
A final-year Student
- ◆ 09/2023 - 02/2024 **Frankfurt University of Applied Sciences**  
Computer Science  
An exchange semester in Frankfurt, Germany with fully-granted DAAD scholarship.

## ◆ WORK EXPERIENCE

- ◆ 07/2023 - 09/2023 **Teaching Assistant**  
Teky  
Support the teacher to teach secondary students about web development. Students can create a simple web using Python, HTML, CSS

## ◆ SKILL

- ◆ Excellent
  - Web API
  - MySQL
  - PostgreSQL
  - Python
  - PyTorch
  - Github
  - Git
  - Data analyst
  - Data visualization
  - Spring
  - Spring Boot
  - MongoDB
  - C++
  - JavaScript
  - Java
  - Firebase
  - RESTful
  - ExpressJS
  - LLM
- ◆ Intermediate
  - HTML

## ◆ PERSONAL PROJECT

- ◆ 06/2024 - 07/2024 **File\_Based\_Chatbot**  
Allow users to input many files, then the bot will answer any questions from user based on provided files. Link: [https://github.com/MinDutch03/file\\_based\\_chatbot](https://github.com/MinDutch03/file_based_chatbot)

- ♦ 04/2024 - 06/2024 **Library Management System**  
 The online library management system project aims to streamline library operations, improve the user experience, and enhance access to library resources. It automates tasks such as book cataloging, tracking, and borrowing while offering user-friendly interfaces for staff and patrons. The system increases operational efficiency, improves accessibility, and provides a centralized platform for managing library resources.  
 Link: <https://github.com/MinDutch03/Library-Management-System>
- ♦ 04/2024 - 06/2024 **Distributed Realtime Chat Application**  
 A web application for chatting among users using Firebase for Data backups and also solve the problem of Faulttolerance, Scalability and Avalability. Link: [https://github.com/MinDutch03/Real\\_time\\_chat\\_application](https://github.com/MinDutch03/Real_time_chat_application)
- ♦ 02/2023 - 03/2023 **Object Tracking**  
 Detect humans with bounding boxes using C. Link: <https://github.com/MinDutch03/Object-Tracking>

## ◆ CERTIFICATE

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- ♦ 12/2022 **Using Python for Resarch**  
 edX
- ♦ 05/2021 **IELTS**  
 IDP  
 IELTS 6.5

## ◆ AWARD

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- ♦ 11/2023 **Frankfurt UAS Contest\_Herbst Programming Day 2023**  
 Frankfurt University of Applied Sciences  
 - Won the 1st prize and became one of representatives for Frankfurt UAS joining The 2023 ICPC Northwestern Europe Regional Contest.
- ♦ 10/2023 **Cloudflight Coding Contest**  
 Cloudflight company  
 - Won the 1st prize with team in the AI board in Frankfurt area.
- ♦ 05/2023 **Fully-granted DAAD Scholarship**  
 DAAD  
 - I was selected among the Top 30 students in the CSE department of Vietnamese German University and received full sponsorship for tuition fees, living expenses, and transportation in Germany for a period of 6 months.