

Quoc Vuong Tran

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PROFILE SUMMARY

Enthusiastic computer engineering student with a growing interest in artificial intelligence and machine learning. Gaining hands-on experience with tools in Python and AI frameworks through academic projects, internships, and personal work. Eager to develop my technical skills, work collaboratively, and contribute to innovative AI projects. A dedicated problem-solver with a strong commitment to continuous improvement and making a meaningful impact on the team.

EDUCATION

Universität Duisburg-Essen – Computer Engineering - Bachelor of Science

2022 – 2026 (Expected)

PROFESSIONAL EXPERIENCE

AI Engineer Internship at VNPT – Vietnam

March 2025 – June 2025

- Preprocessed and cleaned large text datasets to improve model accuracy.
- Experimented with different machine learning algorithms and NLP techniques for optimal performance.
- Fine-tuned RoBERTa model for fake news classification using labeled datasets.
- Evaluated model performance using metrics such as accuracy, precision, and recall.

Freelance Contract – Vietnam

Feb 2025

- designed and developed an automated foreign language vocabulary learning tool using Google Apps Script to generate personalized study cards from raw data, while tracking users' performance.

Freelance Contract for Ganesha Foreign Language Center – Vietnam

Dec 2024 – Jan 2025

- Developed a full-stack online IELTS examination web application from scratch, featuring a dynamic admin portal. This project involved digitalizing the entire paper-based exams into a dynamic, interactive format and implementing a custom test-marking function to automate and streamline the examination process.

Project Manager Assistant at Vifi e.V. – Germany

Oct 2023 – Dec 2024

- Organized and worked on project management documents for the Patentschaft project.
- Planned execution for the Project Manager.
- Managed and set up website dependencies and operational environment.

Database Programming Project at the University – Germany

Jan 2024 – April 2024

- Developed a food delivery app with a focus on designing an optimized, efficient database structure, a fully functional front-end + back-end for users and restaurants, a virtual payment system, and geolocation data.

Frontend developer Internship at FH Aachen- Germany

2021

- Implemented responsive website components with modern web technologies (HTML, CSS, JavaScript,etc) and gained hands-on experience in translating UI/UX designs into functional code.

RELEVANT SKILLS

HTML/CSS/JavaScript/PHP | Typescript |React | C/C++ | Java | AWS Academy Certificate | Python | RESTful API | Power BI | SQL | MATLAB | MOS | Git | CI/CD | Docker/ Kubernetes |

LANGUAGES

- Vietnamese – Native
- English – Professional
- German – Proficient

HONORS & AWARDS

Class Leadership Award – Nguyen Sieu High School – Vietnam

2020

Silver Youth Science Project Award – Nguyen Sieu High School – Vietnam

2018