

# Quoc Vuong Tran

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## PROFILE SUMMARY

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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

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**Universität Duisburg-Essen – Computer Engineering - Bachelor of Science**

2022 – 2026 (Expected)

## PROFESSIONAL EXPERIENCE

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### 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

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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

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

## HONORS & AWARDS

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**Class Leadership Award – Nguyen Sieu High School – Vietnam**

2020

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

2018