



TRAN BAC NAM

AI

CONTACT INFORMATION

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OBJECTIVE

As a third-year Artificial Intelligence student at FPT University, I am seeking an internship opportunity to deepen my knowledge and gain hands-on experience. Throughout my academic journey and self-study, I have built a strong foundation in Python programming, data processing, and developing machine learning models using TensorFlow and PyTorch. Additionally, I have practical experience implementing real-world projects on VPS platforms. With a passion for exploring innovative technological solutions, I am eager to contribute to impactful projects while enhancing my skills and expertise in a professional environment.

PROFESSIONAL EXPERIENCE

Leafguard AI April 2024 - July 2024

Detecting leaf diseases Applied in practice

Role: Data Processor, Requirements Gatherer, Tester
Planned the project, and collected, and analyzed data for machine learning applications. Developed a system to detect leaf diseases that were applied in practical agricultural settings. Processed large datasets of leaf images and extracted relevant features for model training. Conducted testing and validation to ensure the accuracy and reliability of the disease detection model

Scientific research April 2023 - April 2024

TEXT TO IMAGE AND APPLICATION TO BUILDING A TRAFFIC SIGN RECOGNITION SYSTEM (VN)

Role: Lead programmer
Research and develop LoRA (Low-Rank Adaptation) Network to build signs in Vietnam. Won second prize in the scientific research competition at the Đại Học GTVT - HCM. Participate in writing reports and presenting research results to a panel of judges.

SKILLS

Programming language: Python, JavaScript (ReactJS).
Operating system: Linux (Ubuntu), server management and deployment on Linux environment.
Containerization: Using Docker to package and deploy applications.
Web Server: Deploy web applications using Nginx, optimize performance and security.
Database management: MySQL, PostgreSQL, MongoDB; design and optimize data.
Frontend: ReactJS, frontend-backend integration and user interface optimization.
Server management: Configure, monitor, and maintain server systems.
Application deployment: Experience in deploying applications from start to run (end-to-end deployment).

EDUCATION & CERTIFICATIONS

FPT University - HCM (2021 - 2025)

Majors: AI - Artificial Intelligence

Soft Skill

Teamwork
Project Planning
Presentation
Communication skills
Problem solving