



Ngo Xuan Ninh

AI Engineer Intern

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OBJECTIVE

Seeking an AI Engineer internship in a professional environment where I can apply my knowledge of machine learning, data processing, and model development to build and deploy real-world AI solutions. Passionate about developing scalable systems, optimizing model performance, and gaining hands-on experience in production-level AI applications to prepare for a long-term career in artificial intelligence engineering.

EDUCATION

2022 - 2026

University of Science and Technology - The University of Da Nang

Bachelor of Science in Information Technology

Specialization: Data Science & Artificial Intelligence

GPA: 3.38/4

WORK EXPERIENCE

12/2025 - 1/2026

NUVERXAI - AI & CREATIVE INNOVATION COMPANY LIMITED

AI Engineer Intern

- Researched and developed an abnormal behavior detection system.
- Fine-tuned action recognition models using skeleton/keypoint-based data.
- Performed data preprocessing, optimized pipelines, and tuned hyperparameters to improve model accuracy and performance.

Technologies: Python, OpenCV, NanoDet, MoveNet, TensorFlow/Keras, NumPy, Pandas

SKILLS

Technical Skills

Programming: Python, C++, SQL

Machine Learning & Deep Learning: scikit-learn, TensorFlow, PyTorch, CNN

Core Competencies: Data Preprocessing, Model Optimization, Computer Vision

Libraries & Tools: NumPy, Pandas, OpenCV

Soft Skills

Problem-solving, Teamwork, Communication, Adaptability

CERTIFICATIONS

2023

TOEIC 520

PROJECTS

Smart Greenhouse System Based on IoT Using YOLOv8 and ResNet

- Developed an IoT-based smart greenhouse system for monitoring plant conditions and detecting leaf diseases using deep learning models.
- Captured real-time images through a camera and transmitted them via MQTT to a Raspberry Pi.
- Processed images on the server using YOLOv8 for leaf region detection and ResNet for disease classification.
- Sent prediction results back to the Raspberry Pi for display and automatic control.

Technologies: Python, TensorFlow, Flask, MQTT, YOLOv8, ResNet

Satellite Image Object Classification Using CNN

- Built a deep learning model based on CNN to classify satellite images into multiple landscape categories, such as bare land, buildings, and vegetation.
- Conducted data preprocessing, model training, and evaluation to improve classification accuracy.
- Analyzed image features and optimized model performance for multi-label scene recognition tasks.

Technologies: Python, PyTorch, NumPy, Pandas, scikit-learn, Matplotlib

Laptop Price Prediction and Classification Using Machine Learning

- Developed machine learning models to predict and classify laptop prices based on data collected from e-commerce websites.
- Performed data collection, preprocessing, visualization, and feature extraction.
- Applied regression and classification algorithms to analyze the relationship between hardware specifications and market price.

Technologies: Python, Pandas, scikit-learn, Matplotlib

INTERESTS

Listen to music, play sports, travel.