

Contact

www.linkedin.com/in/nguyen-phuoc-nguyen (LinkedIn)

Top Skills

Team Management
Problem Solving
Scikit-Learn

Certifications

IBM Data Science Specialization

Phước Nguyễn Nguyễn

AI Engineer at FPT-Telecom
Ho Chi Minh City, Vietnam

Experience

FPT Telecom

1 year 10 months

AI Engineer

June 2023 - Present (1 year 10 months)

Collaborated with the Software Team to develop a system that leveraged YOLOv8, PaddleOCR, and several other models. This system was designed to aid the Monitoring Team in testing and monitoring devices across provinces in southern Vietnam. We aimed to enhance efficiency and reduce the workload by automating the detection of certain problems on the devices.

Technical Skills: Python with PyTorch, NumPy, Pandas, Git, etc.

Soft Skills: Teamwork, Time Management, Organizing

AI Engineer

June 2023 - Present (1 year 10 months)

Ho Chi Minh City, Vietnam

Build object detection, segmentation, ocr models using YOLO, PaddleOCR

TDTU NLP-KD Lab

2 years 1 month

Education Assistant

February 2024 - Present (1 year 2 months)

Build Education Assistant using Retrieval'augmented Generation (RAG) on specific universities' knowledge.

Apply multiple techniques to improve RAG system like Query Expansion, Intent Classification, Hybrid Search, Re'ranking.

Technical Skills: Python, Elasticsearch, OpenAI API, Gemini API, Cohere Re'rank API, LlamaIndex, etc.

Soft Skills: Presentation skills, Teamwork, Logical Thinking.

AI Researcher

March 2023 - Present (2 years 1 month)

Build datasets for training, evaluating Large Language Models (LLMs).

Survey cutting edge techniques to improve Vietnamese LLMs.

Build and fine-tune models on different tasks using latest methods such as LoRA, QLoRA, ORPO, MoRA, etc.

Technical Skills: Python, PyTorch, Huggingface, Git, Unsloth, etc.

Soft Skills: Teamwork, Time Management, Organizing

Projects Developing Small Vietnamese Legal LLM that can handle specific problems

January 2024 - August 2024 (8 months)

Continued-pretrain small LLMs, Sailor'1.8B and Qwen2'1.5B, on Vietnamese data to improve language understanding.

Build legal dataset for pre-training, fine-tuning, evaluating in different types such as Question Answering, Fill-in-the-middle, NLI, etc.

Fine-tune models using ORPO, LoRA, QLoRA, MoRA, etc.

Technical Skills: Huggingface, Unsloth, Git, LoRA, MoRA, ORPO, etc.

Soft Skills: Report writing, Logical Thinking, Teamwork, Time Management, Organizing.

Ton Duc Thang University NLP-KD Lab

AI Researcher

March 2023 - Present (2 years 1 month)

Ho Chi Minh City, Vietnam

Research cutting edge developments in Large Language Models

Build chatbot using Retrieval-Augmented Generation (RAG)

Ton Duc Thang University

Legal Assistant

December 2023 - April 2024 (5 months)

Build Legal Assistant using Retrieval-Augmented Generation (RAG).

Apply multiple techniques to improve RAG system like Query Expansion, Intent Classification, Hybrid Search, Re-ranking.

Technical Skills: Python, Elasticsearch, OpenAI API, Gemini API, Cohere

Re-rank API, LlamaIndex, etc.

Soft Skills: Presentation skills, Teamwork, Logical Thinking.

Education

Ton Duc Thang University

· (2020 - 2024)

Ton Duc Thang University

