



Phạm Huỳnh Quý An

AI Engineer | Data Scientist
FPT University

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Education

•FPT University Oct 2022 – Sep 2025
Bachelor of Engineering in Information Technology (AI Specialization) GPA: 3.3/4.0

Experience

•CEH Information Services Co., Ltd Apr 2024 – Sep 2024
Machine Learning Intern Ho Chi Minh City

- Engineered a face recognition model for employee attendance using PyTorch. Optimized MTCNN pipeline, improving accuracy by 15% in low-light conditions.
- Developed a container truck identification system (YOLOv8) for logistics. Reduced manual check-in time by 40% via edge deployment.

•INFINIQ Viet Nam Feb 2025 – Dec 2025
Data Annotator (Freelancer) Remote

- Conducted high-precision data annotation for large-scale Autonomous Driving datasets.
- Performed Quality Assurance (QA) on 10,000+ images, ensuring data integrity for DL models.

Personal Projects

•Chest X-Ray Enhancement using GANs May 2025 – Sep 2025
Python, PyTorch, GANs, OpenCV

- Developed a Generative Adversarial Network (GAN) to denoise medical X-Ray images.
- Designed custom loss functions combining Content Loss and Adversarial Loss to preserve structural details.
- Achieved SSIM of 0.76, successfully recovering structural details under limited computing resources.

Technical Skills and Interests

Languages: Python, R, SQL, C++.
Developer Tools: Google Colab, Kaggle, Git, VS Code, Linux.
Frameworks: PyTorch, TensorFlow, Scikit-learn, OpenCV, Pandas.
Soft Skills: Problem Solving, Project Planning, Detail-Oriented, and Team Collaboration.
Coursework: Deep Learning, Machine Learning, Data Structures.
Areas of Interest: Generative AI (GANs), LLM, RAG, Computer Vision, Data Science.

Positions of Responsibility

•Volunteer Teaching Assistant, IT Training for Thu Duc City Officials (Microsoft 365) Aug 2023

•Teaching Assistant, Traditional Instruments Outreach for High School Students
Apr 2022 - Aug 2023

Achievements

•Excellent Award, Third prize IYRC Korea Categories: Autonomous & Volleyball Aug 2019

•Excellent Student of Semester, FPT University (Summer 2023) 2023

•Honorable Student of Semester, FPT University (Spring 2023 & Fall 2024) 2023 – 2025

•First Prize, City-level Excellent Student Competition (Grade 12) 2021

•Certificate of Recognition, F-sound: National Instrument Competition Nov 2022