



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