**PHAM TAN PHUOC**

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# WORK EXPERIENCE

## Pythera AI *— Internship* Sep 2023 — Dec 2023

* Study and research Stable Diffusion - image generation model based on user text input
* Perform fine-tuning and train the model on different datasets, then apply the model to solve real-world problems.

**Pythera AI** *— Developing the Graduation Thesis* May 2024 — Dec 2024

* Thesis Title: AI in Design - Automated White Balance Adjustment for Images: A Deep Learning Approach
* Responsibilities**:** Collecting and augmenting data, developing the interface and interactive system, performing inference and returning results to users, testing, and providing feedback during the model training process.
* Outcome**:** The model achieved better results than all previously developed models for this problem.

# EDUCATION

## FPT University, Ho Chi Minh City, Viet Nam Oct 2021 – Dec 2024

* **Bachelor Program of Information Technology, Artificial Intelligence**
* **Specialization:** Artificial Intelligence and Data Science
* **Minor**: Information of technology
* **GPA**: 7.37/10

# ACADEMIC PROJECTS

## Machine Learning Project: Gender classification Jan 2023 — April 2023

* Explore machine learning methods and algorithms to approach the gender classification problem without using deep learning.
* Research various methods, perform data preprocessing, train and evaluate models, and continuously refine them until achieving optimal results.

**Prediction model: Using LSTM model to predict gold price for trading** May 2024 — Sep 2024

* Collect data from major financial websites, process the data by using 70% for training and evaluation, and then use the remaining 30% to compare the predictions with the original data.
* Study the workings of the LSTM model, train and fine-tune it to achieve the most accurate predictions based on the available dataset.

# SKILLS

## Software Programming

* Proficient in Python, Object Oriented Programming, familiar with Java, C++
* Proficient in AI/Data science libraries: PyTorch, Tensorfow, OpenCV, NLTK, Transformer, Scikit-learn, Numpy, Pandas, Matplotlib, Gradio, ONNX

## Tools

* Microsoft Office, Github, SQL server, Linux