



# Pham Huy Hoang

## Python and Machine Learning

11 Bui Xuong Trach, Khuong Dinh, Thanh Xuan, Ha Noi, Viet Nam  
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### Date of birth

03 - 30 - 2000

### TECHNICAL SKILLS

Python

Machine Learning

Data Analysis

MySQL

C++

Web development

### SOFT SKILLS

Communication skills

Group work

### LANGUAGES

English – Highly proficient

### HOBBIES

Reading books

Listening to music

Playing football

### OBJECTIVE

My purpose is learning and working in the field of Artificial Intelligence Industry, such as AI engineer or Python developer. Seeking a full-time job or any opportunities to begin my career in a high-level professional environment.

### EDUCATION

#### Posts and Communications Institute of Technology

*August 2018 – April 2022*

Current GPA: 3.26

### INTERNSHIP

#### Python and Machine learning, FPT Software, Hanoi

*January 2021 – April 2021*

Working with Python and some popular libraries such as Numpy, Pandas, Matplotlib, Seaborn, BeautifulSoup. Taking knowledge about the data structures and algorithms in Python, especially in Machine Learning. Learning not only how to EDA but also using the data and advance libraries like Scikit-learn, Tensorflow into training and building model.

#### PHP web development, IT plus, Hanoi

*September 2019 – April 2020*

Approach full-stack web development (HTML, CSS, JavaScript for front-end and PHP, MySQL, Laravel for back-end).

### PROJECTS

#### ➤ Predict apartment's price - Machine Learning

Using basic techniques of Regression in Machine Learning such as Linear, Polynomial or Non-Linear to predict the price of apartments.

#### ➤ Classify the diabetic victim - Machine Learning

Due to the data set about health indexes of human, I predict who will be diabetic using some algorithms classification such as Random Forest, KNN, Perceptron, Logistic Regression.

#### ➤ Clustering wine - Machine Learning

Using unsupervised algorithms such as K-means, DBSCAN to cluster wine due to a data set about the quality of wine

➤ **Video games recommendation system - Machine Learning**

Building a system using content-based algorithms to recommend what video games a human being should play.

➤ **Gender recognition by voice – Machine Learning**

Building model to determine gender of a human due to voice features using KNN algorithms and deploy it into a website.

➤ **Student management system - Web development**

Building API for a website to support teacher in managing student using some technical such as MVC model, MySQL database and so on.

## **CERTIFICATIONS**

**Fundamental of Machine Learning, FPT Academy**

**PHP web development, IT plus Academy**

**Volunteer for education, VEO organization**

**Volunteer, BFF club**

## **VOLUNTEERING**

**Volunteer at VEO Organization**

*September 2019*

**Content leader at BFF Club**

*October 2015 – May 2018*

## **INTERESTS**

➤ **Natural language processing**

➤ **Computer vision**

➤ **Data analysis**