

# NGUYEN THANH PHAT

Live in: Binh Chanh, Ho Chi Minh City  
Phone/Zalo: (+84)0942-\*\*\*-664  
E-mail: phatjk@outlook.com.vn  
Website: phatjkk.github.io  
Birthday: 12/04/2002

A typical man, who has experience in developing websites and applications. Know about data processing/analytics and Machine/Deep Learning. Personally, I want to be a helpful person to the world :D.

## EXPERIENCE

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### Self-learning at school

Learning from Udemy, CS50, F8, ProtonX.

#### Projects:

Bloom LoRA QA Chatbot (transformers)

[github.com/phatjkk/lora-experiment-1](https://github.com/phatjkk/lora-experiment-1)

Vietnamese Text to Speech VITS (Pytorch, Piper, Docker, ReactJS, Tornado Web)

[github.com/phatjkk/vits-tts-vietnamese](https://github.com/phatjkk/vits-tts-vietnamese)

BART Translate (vi-en/en-vi) (transformers):

[github.com/phatjkk/bart-translate-vi-en](https://github.com/phatjkk/bart-translate-vi-en)

Vietnamese ASR with Wav2vec2

(transformers, Pytorch)

[github.com/wav2vec2-vietnamese-finetuning](https://github.com/wav2vec2-vietnamese-finetuning)

(See more at my Github profile)

## CERTIFICATIONS

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### (Google) TensorFlow Developer Certificate

ID: e0d73e11-673c-4116-bd9c-976aea8d6ef3

### (HackerRank) JavaScript Basic Certificate

ID: bd9547631575

## ACTIVITY

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### (2022) First Prize at NTTU AI Hackathon

Using model to predict the speed of spread of COVID-19.

Role: Team leader.

### (2021) AI Dictionary for Vietnamese Project

#### (Making a dictionary for AI Community)

Non-profit Project

Role: Design UI/UX for website and mobile app (Figma).

### (2017) SRobot Competition (Coding Arduino Robot)

School representative.

## EDUCATION

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### Engineer of Data Science

Nguyen Tat Thanh University (2020 - 2024)

Vietnam - Ho Chi Minh City

3.54/4 GPA

## SKILLS & PROFICIENCIES

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### Web

- HTML, SCSS, JavaScript, PHP, ReactJS, ASP.NET Core MVC (C#), WordPress.

### Database

- MongoDB, MySQL, T-SQL, Oracle Database

### Desktop App

- C#, Python, Java, Autoit, Selenium, WPF.

### Machine Learning/Deep Learning Skills

- Image/Audio/Text Classification.
- Text Generation, Image/Audio Recognition, Fine-tuning model.
- Keras, TensorFlow(TF), Hugging Face(HF), Pytorch, TF + HF Dataset, Airflow.

### Data Skill

- Data cleaning/transformation/analytics.
- Selenium, Scapy. (Craw data)
- PowerBI, Pandas, PySpark, Keras.

### Design

- Figma (UI/UX, Design), Canva.

### My Strength

- JavaScript, Python, ReactJS, PHP, Pandas, Pytorch, TensorFlow.

## LANGUAGES

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- English (Level B2): Listening and reading.
- Vietnamese : Native Language

# </MACHINE LEARNING ENGINEER/>