

TRAN NGOC QUANG

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EDUCATION

FPT University

Ho Chi Minh, Vietnam

*B.Sc. in Artificial Intelligence, **Cumulative GPA: 3.52***

Sep 2022 – Jun 2026 (Expected)

Courses: Calculus, Mathematics For Machine Learning, Probability and Statistics, Discrete Mathematics, Data Structures, Analysis Of Algorithms, Machine Learning, Deep Learning, Data Science, Networking, Database.

Luong The Vinh Specialized High School

Dong Nai, Vietnam

High School Diploma, Math Major

Aug 2019 – May 2022

Courses: Competition Programming, Combinatorics, Number Theory, Algebra, Probability and Statistics, Data structures and Algorithms.

SKILLS

Programming: C++, Python, Octave, R, SQL, JavaScript, Kotlin.

Technologies: Git, Arduino, ROS.

Languages: Vietnamese (Native), English (Intermediate).

Soft Skills: Communication, Problem Solving.

WORK EXPERIENCE

CODELEARN.IO

Vietnam

Problem setting:

2021 – 2023

- **Setting problems** for programmers to practice to solve data structure and algorithms programming problems.

IT Supporter

On-site work(Part-time)

Technical support:

June 2023 – Present

- **Technical Support:** Fix basic errors on exam software
- **Report Server Errors:** Receive and report errors on CRM to the servers at University

PROJECTS

Practice NLP with Transformer

- Practicing Natural Language Processing (NLP) using Transformer models, based on the book "Natural Language Processing with Transformers".
- Includes notebooks such as "Hello Transformers", "Text Classification", "Transformer Anatomy", and "Multilingual Named Entity Recognition".

Neural Style Transfer

- Implemented an artistic style transfer technique using PyTorch and the VGG19 model.
- This project generates new images by combining the content of one image with the style of another.
- Provides detailed instructions on setting up and running the model, including input and output examples.

BBC Headlines Classifier using RNNs

- Developed a Recurrent Neural Network (RNN) model for multi-label classification on BBC headline data.
- Utilized libraries such as TensorFlow and NLTK for preprocessing, model building, training, and evaluation.
- Demonstrates the application of RNNs in Natural Language Processing for text classification.

RELEVANT COURSEWORK

Major coursework: Calculus, Matrix Theory, Differential Equations, Numerical Methods, Probability Theory, Quantum Computing, Machine Learning, Deep Learning, Reinforcement Learning.

Minor coursework: Discrete Computational Structures, Introduction to Object-Oriented Programming, Data Structures and Algorithms, Database Management, Software engineering.

CERTIFICATES

Edx <i>CS50 Introduction to Artificial Intelligence</i>	2022
HackerRank <i>Python, C++, SQL, R, Problem Solving</i>	2022
Datacamp <i>Data Scientist, Deep Learning, Tensorflow</i>	2023
Coursera <i>IBM AI Enterprise Workflow, Project Management Principles and Practices,...</i>	2024
QWorld <i>QBronze, QNickel</i>	2024
Google Cloud <i>Natural Language, Machine learning and AI</i>	2024
And over 50 certificates are shown on linkedin	