

TRUNG THANH NGUYEN

Seeking a work student opportunity with a focus on FullStack/GenAI/Computer Vision

INTRODUCTION

I am Trung Thanh Nguyen, a Vietnamese international student in Australia with a strong passion for Information Technology and Artificial Intelligence. I am highly motivated, eager to learn, and always ready to tackle new challenges. With a diligent and responsible mindset, I aspire to apply my knowledge in real-world scenarios and contribute meaningfully to the field of advanced technology.

EDUCATION

Bachelor of Information Technology

Oct 2023 - 2026 (expexted)

King Own Institue(KOI), Sydney

- Major in Artificial Intelligence
- GPA: 3.5

Bachelor of Automotive Technology

Aug 2022 - Aug 2023

Ha Noi University of Science and Technology(HUST), Ha Noi

- Major in Automotive Technology.

SKILLS & BACKGROUND KNOWLEDGE

- **Programming:** Python, Typescript, Javascript, HTML/CSS, Java,C++, SQL
- **S/W & Tools:** Microsoft office, Linux, Docker, Git, iOS
- **Language:** English(IELTS 6.5 equivalent level), VietNameese
- **Framework:** Pytorch, ReactJS , NextJS, Scikit-learn, Hugging Face Transformers, OpenCV, SpaCy, NLTK

ACHIEVEMENTS AND HONORS

University Scholarship

- For excellent completion of academic semester: Semester 1, 2 and 3

Direct admission to university

- Directly admitted to Hanoi University of Science and Technology (HUST) due to academic excellence

3rd place award in Mathematics

- Mathematics in the Provincial Excellent Student Competition. Level of recognition: City

Academic

IBM Generative AI Engineering Professional Certificate -

Coursera

- Gen AI Foundational Models for NLP & Language Understanding:
Grade Achieved: 83.33%
- Generative AI Language Modeling with Transformers
Grade Achieved: 86%
- Generative AI Engineering and Fine-Tuning Transformers:
Grade Achieved: 100%

Certificate available in:

<https://www.coursera.org/account/accomplishments/verify/MLF1VAW9DBJ2>

Personal Project

Quick, Draw! - Google

Description: Inspired by the game Quick, Draw! developed by Google, replace drawing with the mouse with drawing with the index finger on the webcam

Link: <https://github.com/JimmyNguyen09-AI/QuickDrawGoogle-CNN>

Retrieval-Augmented AI Assistant with OpenAI and LangChain

Description: An intelligent AI assistant built with LangChain and OpenAI API using Retrieval-Augmented Generation (RAG).

Link: <https://github.com/JimmyNguyen09-AI/AI-Assistant-RAG-LangChain->

DCGAN for Face Generation

Description: Developed a Deep Convolutional Generative Adversarial Network (GAN) to generate realistic human faces

Link: <https://github.com/JimmyNguyen09-AI/DCGANs-FaceGenerate>

Photomosaic Generator

Description: Using some image processing techniques such as image color averaging and Euclidean distance to create a large image/video consisting of many small images

Link: <https://github.com/JimmyNguyen09-AI/Photomosaic-Generator>

Pretrained RCNN Model

Description: Pretrained RCNN model for object detection using Pascal -VOC dataset

Link: <https://github.com/JimmyNguyen09-AI/FasterRCNN-VOC>

INTERESTS

- Play sports(badminton, swimming)
- Cooking