

NGUYEN DOAN HIEU NGUYEN

Ho Chi Minh city, Vietnam

☎ 0928252927

✉ hieunguyen.kientuong@gmail.com

🌐 [ndhieunguyen](#)

🏠 [ndhieunguyen](#)

🔗 [ndhieunguyen](#)

EDUCATION

FPT University

Bachelor of Artificial Intelligence - Current GPA 9.31/10

September 2020 – Present

Ho Chi Minh City, Vietnam

AWARDS

- 100% Scholarship at FPT University HCM 🔗
- Third prize of Algebra group in FPT Mathematics Olympic 2022 🔗
- FPT University Golden Toad of Engineering Major Spring 2022 - the award for the most excellent student in a semester 🔗
- First prize at FPT Edu Hackathon 2022 - the competition on Algorithm and Blockchain application 🔗
- Second prize at FPT University HCM Research Festival 2023 - the competition on Scientific Research at FPT University HCM

PROJECTS

Vietnamese Receipt Information Extraction 🔗

March 2023

- **Receipt information extraction** is the process of automatically identifying and extracting relevant information from receipts, such as the date, merchant name, total amount, and individual item prices.
- In this project, we focus on working with Vietnamese-language receipt

Video Colorization

May 2022

- Uses Swin Transformer backbone and other submodules to create an exemplar-base recurrent neural network for video colorization.
- The paper that wins Second prize at FPT HCM University Research Festival 2023.

Social distance and mask detection 🔗

December 2021

- Detects whether people in a video are wearing masks and keeping a safe distance with an accuracy of about 80% and 60%, respectively.
- I created this project when I participated in Zalo AI Challenge 2021, in group Computer Vision.

WORK EXPERIENCE

Gradients Research 🔗

August 2022 – Apr 2023

AI Undergraduate Researcher

Ho Chi Minh City, Vietnam

- Doing research and development in many fields: Computer Vision (2D to 3D object, virtual try-on, etc.), Natural Language Processing (chatbots using T5 model), multi-modal (clothes retrieval), etc.
- Participated in projects related to mobile programming (taking photo based on heart hand-sign detected), Data Engineer (Prepare data for training models)

TECHNICAL SKILLS

Languages: Python, Java, C, C++, SQL, Latex

Developer Tools: VS Code, Colab, Kaggle

Technologies: WSL, GitHub, Docker, Ngrok

Frameworks: Tensorflow, Scikit-learn, Pytorch, Jax, Django, Streamlit

EXTRACURRICULAR

Developer Student Community - FPT University HCMC

January 2022 – Present

Core-team member

Ho Chi Minh, Vietnam

- DSC is a 3-year-old official club at FPTU that involves in programming with several branches
- As a member of the Artificial Intelligence branch, I participated in several activities: celebrating events, doing the research, guiding the junior, etc.

Skolareach - Reach Scholarship Area

May 2021 – Present

Co-founder – Mathematics Leader

Ho Chi Minh, Vietnam

- Skolareach is an organization that provides paid courses to help students win the FPT Scholarship
- Together with my friends, I founded this organization and worked as Mathematics Leader.
- In 2023, more than 90% of Skolareach's students achieved FPT University Scholarship.

FPTU Scholarship hunter group

Mar 2021 – May 2021

Mentor

Ho Chi Minh, Vietnam

- FPT University Ho Chi Minh organized this group to help high school students in the Southern region train themselves to win the FPT Scholarship
- I worked as a group mentor for 3 months.

CERTIFICATIONS

- Deep Learning
- DeepLearning.AI TensorFlow Developer
- TensorFlow: Advanced Techniques
- Generative Adversarial Networks (GANs)
- More