

NGUYEN DOAN HIEU NGUYEN

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GitHub · LinkedIn · Google Scholar · Hackerrank

SUMMARY

AI researcher with an excellent bachelor's degree in AI from FPT University. Skilled in research, data collection, model building, and result evaluation. Dedicated to pushing boundaries in AI and seeking impactful projects.

Research interest: Deep Learning, Computer Vision, Image processing

EDUCATION

FPT University - Graduated as Valedictorian

Sep 2020 – Jan 2024

Bachelor of Information Technology (Artificial Intelligence) - GPA 9.2/10

Ho Chi Minh City, Vietnam

PUBLICATIONS

- D. T. Tran, **N. D. H. Nguyen**, T. T. Pham, P. -N. Tran, T. -D. T. Vu and D. N. M. Dang, "Vitexco: Exemplar-based Video Colorization using Vision Transformer," 2023 14th International Conference on Information and Communication Technology Convergence (ICTC), Jeju Island, South Korea, 2023
- D. T. Tran, **N. D. H. Nguyen**, T. T. Pham, P. -N. Tran, T. -D. T. Vu, C. T. Nguyen, N. H. Dang, D. N. M. Dang, "SwinTEExCo: Exemplar-based Video Colorization using Swin Transformer," Expert Systems with Applications. (**Under Review**)

AWARDS

- Achieved 100% Scholarship at FPT University HCMC
- Awarded Third prize of Algebra group in FPT University Mathematics Olympic 2022
- Awarded FPT University Golden Toad of Engineering Major Spring 2022 - the award for the most excellent student in a semester
- Awarded Champion prize at FPT Education Hackathon 2022 - Competition on Blockchain application
- Awarded Champion prize at FPT Education Research Festival 2023 - Competition on Scientific Research

WORK EXPERIENCE

Pythera

Aug 2022 – Apr 2023

AI Undergraduate Researcher

Ho Chi Minh City, Vietnam

- Took research in many fields: Computer Vision (2D to 3D object, virtual try-on, Heart hand-sign detection, etc.), Natural Language Processing (chatbots using T5 model), multi-modal (clothes retrieval), etc.

TECHNICAL SKILLS

Programming languages: Python, Java, C, C++

Developer Tools: VS Code, Colab, Kaggle, Linux server

Frameworks: Tensorflow, Scikit-learn, Pytorch, Flax

EXTRACURRICULAR

Developer Student Community - FPT University HCMC

Jan 2022 – Dec 2023

Core-team member

Ho Chi Minh City, Vietnam

- DSC is a 3-year-old official club at FPTU that involved 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.

CERTIFICATIONS

- Deep Learning
- Generative Adversarial Networks (GANs)
- TensorFlow: Advanced Techniques

LANGUAGES

- **Languages:** English (Professional working proficiency), Vietnamese (Native language)