Anh Tien Nguyen

CONTACT INFORMATION	Homepage: anhtienng.github.io Email: ngtienanh@korea.ac.kr

RESEARCH INTERESTS

My research interest is **deep learning in medical image analysis**. My previous works focus on *computational histopathology*, including cancer grading, tissue phenotyping, and cancer subtyping.

EDUCATION

Korea University, South Korea   03/2023 - Present

M.S., Electrical and Computer Engineering
- Major: Computer Engineering
- CPA: 4.33/4.5
- Supervised by Prof. Jin Tae Kwak.

Ho Chi Minh City University of Technology, Vietnam   08/2017 - 08/2021

B.E., Computer Science and Engineering
- Major: Computer Engineering
- GPA: 9.26/10 - Rank 2
- Graduation classification: Excellent
- Thesis: Physical Transferable Attack against Black-box Face Recognition Systems

PUBLICATIONS

- **Anh Tien Nguyen** and Jin Tae Kwak
  Towards a text-based quantitative and explainable histopathology image analysis
  Under review, 2024

- **Anh Tien Nguyen** and Jin Tae Kwak
  CAMP: Classify Anything Model in Pathology
  Under review, 2024

- **Anh Tien Nguyen** and Jin Tae Kwak
  GPC: Generative and General Pathology Image Classifier
  In *Medical Image Computing and Computer Assisted Intervention (MICCAI) Workshops*, 2023

- Dang Minh Nguyen, **Anh Tien Nguyen**, Hieu Minh Tran, Nhan Trong Le, and Tho Thanh Quan
  Physical Transferable Attack against Black-box Face Recognition Systems
  In *Multimedia Analysis and Pattern Recognition (MAPR)*, 2021

EXPERIENCES

Cloud Ace, Vietnam   10/2021 - 02/2023

Machine learning engineer
- Designed and deployed machine learning solutions on Google Cloud Platform.
- Taught machine learning courses on Google Cloud Platform.

Olli Technology, Vietnam   06/2020 - 09/2020

Machine learning researcher
- Researched and built a Text-to-Speech model to generate Vietnamese natural voice with fast inference speed.
- Deployed a mobile version of machine learning models running on low-spec smartphones.

Google Developer Student Club, Vietnam   11/2019 - 09/2020

Machine learning team member
- Presented and organized machine learning workshops for university students.

AWARDS   **BK21FOUR KU-GAG Scholarship**   03/2024
                Achieved a scholarship for excellent research projects and publications.

                Korea University scholarship   03/2023 - 03/2024
                Achieved a Natural Science and Engineering scholarship for excellent research projects
                and publications.

                Honda Award   03/2021
                Achieved top 100 nationwide scholarship for Science and Technology students based
                on merit and research.

                HCMC University of Technology scholarship   08/2017 - 08/2021
                Achieved scholarships for outstanding students who ranked 5% in a class.

                FPT Digital Race   10/2020
                Ranked 3rd by designing and deploying an autonomous vehicle control system.

CERTIFICATIONS **Google Cloud Authorized Trainer**   03/2022
                Authorized to teach the track of data and machine learning.

                Coursera Deep Learning Specialization   03/2020
                Finished a foundation course on deep learning.

SKILLS   **Programming**: Python, PyTorch

                English: IELTS 7.5

REFERENCES   - Prof. Jin Tae Kwak
                  School of Electrical Engineering, Faculty of Computer Engineering, Korea University
                  Email: jkwak@korea.ac.kr

                - Prof. Tho Thanh Quan
                  Vice Dean, Faculty of Computer Science and Engineering, HCMC University of
                  Technology
                  Email: qttho@hcmut.edu.vn

                - Prof. Thinh Ngoc Tran
                  Vice Dean, Faculty of Computer Science and Engineering, HCMC University of
                  Technology
                  Email: tnthinh@hcmut.edu.vn