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| CONTACT INFORMATION | Homepage: anhtienng.github.io Email: ngtienanh@korea.ac.kr | |
| RESEARCH INTERESTS | medical image analysis, computational pathology, computer vision, and deep learning | |
| EDUCATION | Korea University , South Korea M.Sc., Computer Engineering <ul style="list-style-type: none"> GPA: 4.38/4.5 Supervised by Prof. Jin Tae Kwak Research area: computational pathology 03/2023 - present | |
| | Vietnam National University - Ho Chi Minh City University of Technology , Vietnam B.E., Computer Engineering <ul style="list-style-type: none"> GPA: 9.26/10 - Rank 2 Graduation classification: Excellent 08/2017 - 08/2021 | |
| PUBLICATIONS | <ul style="list-style-type: none"> 2DMamba: Efficient State Space Model for Image Representation with Applications on Giga-Pixel Whole Slide Image Classification Jingwei Zhang*, Anh Tien Nguyen*, Xi Han*, Vincent Quoc-Huy Trinh, Hong Qin, Dimitris Samaras, Mahdi S. Hosseini <i>Under review - CVPR 2025</i> Towards a text-based quantitative and explainable histopathology image analysis Anh Tien Nguyen, Trinh Thi Le Vuong, Jin Tae Kwak <i>In Medical Image Computing and Computer-Assisted Intervention (MICCAI), 2024</i> Early accept, top 11% CAMP: Continuous and Adaptive Learning Model in Pathology Anh Tien Nguyen, Keunho Byeon, Kyungeun Kim, Boram Song, Seoung Wan Chae, Jin Tae Kwak <i>Under review - journal, 2024</i> GPC: Generative and General Pathology Image Classifier Anh Tien Nguyen, Jin Tae Kwak <i>In Medical Image Computing and Computer-Assisted Intervention (MICCAI) Workshop, 2023</i> Best Paper Honorable Mention Award | |
| RESEARCH EXPERIENCES | Korea University , South Korea Research assistant <ul style="list-style-type: none"> Main research topics: computational pathology Projects: <ul style="list-style-type: none"> An unified framework for pathology image classification Text-based embeddings for pathology images 03/2023 - present | |

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|-------------------------|--|-------------------|
| | Concordia University, Canada - Stony Brook University, USA | 04/2024 - present |
| | Research intern (<i>remote</i>) <ul style="list-style-type: none"> • Research topics: computational pathology • Supervisor: Prof. Mahdi S. Hosseini and Prof. Dimitris Samaras • Project: efficient 2D-scanning method for histology whole slide images | |
| TEACHING EXPERIENCE | Korea University, Korea | 09/2024 - 12/2024 |
| | Teaching assistant - C programming language | |
| INDUSTRY EXPERIENCES | Cloud Ace, Vietnam | 10/2021 - 02/2023 |
| | Machine learning engineer <ul style="list-style-type: none"> • Designed and deployed machine learning solutions on Google Cloud Platform. • Taught machine learning courses on Google Cloud Platform. | |
| AWARDS | MICCAI 2024 - LEOPARD Challenge | 10/2024 |
| | Ranked 6th in the challenge of predicting biochemical recurrence of prostate cancer. | |
| | KU Foreign Global Leader Scholarship | 08/2024 |
| | Achieved a for excellent GPA, research projects, and publications. | |
| | BK21 Scholarship | 03/2024 |
| | Achieved a scholarship for excellent research projects and publications. | |
| | KU Natural Science and Engineering scholarship | 03/2023 - 06/2024 |
| | Achieved a 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. | |
| SKILLS | Programming: Python, PyTorch, OpenSlide Tool: QuPath English: IELTS 7.5 | |
| REFERENCES | <ul style="list-style-type: none"> • Jin Tae Kwak Associate Professor, School of Electrical Engineering, Korea University Email: jkwak@korea.ac.kr • Dimitris Samaras SUNY Empire Innovation Professor, Department of Computer Science, Stony Brook University Email: samaras@cs.stonybrook.edu • Mahdi S. Hosseini Assistance Professor, Department of Computer Science and Software Engineering, Concordia University Email: mahdi.hosseini@concordia.ca • Raviv Raich Associate Professor, Department of Computer Science, Oregon State University Email: raich@eecs.oregonstate.edu | |