

Curriculum Vitae - Anh Tien Nguyen

CONTACT INFORMATION	Homepage: anhtienng.github.io Email: ngtienanh@korea.ac.kr - tienanhnguyen9991@gmail.com
RESEARCH INTERESTS	medical image analysis, computational pathology, computer vision, and deep learning
EDUCATION	<p>Korea University, South Korea 03/2023 - 02/2025</p> <p>M.Sc., Computer Engineering</p> <ul style="list-style-type: none">• GPA: 4.38/4.5• Supervised by Prof. Jin Tae Kwak <p>Vietnam National University - Ho Chi Minh City University of Technology, Vietnam 08/2017 - 08/2021</p> <p>B.E., Computer Engineering</p> <ul style="list-style-type: none">• GPA: 9.26/10 - Rank 2• Graduation classification: Excellent
PUBLICATIONS	<ul style="list-style-type: none">• VLEER: Vision and Language Embeddings for Explainable Whole Slide Image Representation Anh Tien Nguyen*, Keunho Byeon, Kyungeun Kim, Jin Tae Kwak <i>Under review</i>• 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 CVPR 2025• Towards a text-based quantitative and explainable histopathology image analysis Anh Tien Nguyen, Trinh Thi Le Vuong, Jin Tae Kwak MICCAI 2024 - Early acceptance, 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</i>• GPC: Generative and General Pathology Image Classifier Anh Tien Nguyen, Jin Tae Kwak MICCAI Workshop 2023 - Best Paper Honorable Mention Award
RESEARCH EXPERIENCES	<p>Korea University, South Korea 03/2023 - present</p> <p>Research assistant</p> <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

	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	
PROFESSIONAL SERVICES	Reviewer IEEE Transactions on Medical Imaging MICCAI 2025	
INDUSTRY EXPERIENCE	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. Korea University - Foreign Global Leader Scholarship 08/2024 Achieved a for excellent GPA, research projects, and publications. Brain Korea 21 Scholarship 03/2024 Achieved a scholarship for excellent research projects and publications. MICCAI 2023 - MedAGI Workshop 10/2023 Achieved <i>Best Paper Honorable Mention</i> Award.	
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 	