

# ANH TIEN NGUYEN

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## EDUCATION

<b>Master</b>	<b>Korea University</b> <b>School of Electrical Engineering</b>	<b>Mar 2023 - Present</b>
<ul style="list-style-type: none"><li>• <b>Major:</b> Computer Engineering</li><li>• <b>Research interests:</b> Medical image analysis, Computational pathology</li><li>• <b>GPA:</b> 4.33/4.5</li><li>• <b>Publication:</b> "GPC: Generative and general pathology image classifier" [1]</li></ul>		
<b>Bachelor</b>	<b>HCMC University of Technology</b> <b>Faculty of Computer Science and</b> <b>Computer Engineering</b>	<b>Sep 2017 – Nov 2021</b>
<ul style="list-style-type: none"><li>• <b>Major:</b> Computer Engineering</li><li>• <b>Graduation classification:</b> Excellent</li><li>• <b>GPA:</b> 9.26/10 - Rank 2 in the faculty</li><li>• <b>Thesis:</b> "Physical Transferable Attack against Black-box Face Recognition Systems" [2]</li></ul>		

## PUBLICATIONS

- [1] **Nguyen, A.T.**, Kwak, J.T. (2023). GPC: Generative and General Pathology Image Classifier. Medical Image Computing and Computer Assisted Intervention (MICCAI) 2023 Workshops.  
[https://doi.org/10.1007/978-3-031-47401-9\\_20](https://doi.org/10.1007/978-3-031-47401-9_20)
- [2] D. M. Nguyen, **A. T. Nguyen**, H. M. Tran, N. T. Le and T. T. Quan, "Physical Transferable Attack against Black-box Face Recognition Systems," 2021 International Conference on Multimedia Analysis and Pattern Recognition (MAPR). <https://doi.org/10.1109/MAPR53640.2021.9585256>

### Under review:

- (1) **Nguyen, A.T.**, Kwak, J.T. (2024). CAMP: Classify Anything Model in Pathology.
- (2) **Nguyen, A.T.**, Kwak, J.T. (2024). Towards a text-based quantitative and explainable histopathology image analysis.

## PROFESSIONAL EXPERIENCES

<b>Oct 2021 - Present</b>	<b>Cloud Ace</b> <i>Data Engineer</i>	<ul style="list-style-type: none"><li>• Built Machine Learning systems in the Google Cloud with CI/CD/CT optimization.</li><li>• Designed and implemented data solutions on Google Cloud: data migration, data warehouse, smart data analytics with Machine Learning</li></ul>
<b>Jun 2020 - Sep 2020</b>	<b>Olli Technology</b> <i>Machine Learning Researcher</i>	<ul style="list-style-type: none"><li>• Built a Text-to-Speech model to generate Vietnamese natural voice with fast inference speed.</li><li>• Developed a TensorFlow Lite version for the above model, integrated on low-spec smartphones.</li></ul>
<b>Nov 2019 - Sep 2020</b>	<b>Google Developer Student Club</b> <i>Machine Learning team member</i>	<ul style="list-style-type: none"><li>• Organized Machine Learning workshops.</li><li>• Hosted events to connect Machine Learning specialists with the university student community.</li></ul>

## **AWARDS AND SCHOLARSHIPS**

- *Korea University merit-based graduate student scholarship (2023-2024)*  
Achieved a scholarship for excellent students in Spring and Fall semesters.
- *HCMC University of Technology merit-based outstanding student scholarship (2017 – 2021)*  
Achieved a scholarship for excellent students in every university semester.
- *Consolation Prize in Honda Award for Science and Technology students (2021)*  
Achieved Top 100 nationwide for Science and Technology students and won the Consolation Prize.
- *Third Prize in FPT Digital Race (2020)*  
Designed and built an autonomous vehicle control system to run on the map and follow the traffic rules.
- *First Prize in Metropolitan Physical Competition (2017)*  
Achieved a top-rank points in the physical competition for high-school students in Ho Chi Minh City.

## **CERTIFICATIONS**

- Google Cloud Authorized Trainer
- Coursera Deep Learning Specialization

## **SKILLS**

- Programming: *Python, PyTorch*
- English: *IELTS 7.5*

## **REFERENCES**

- Assoc Prof. Kwak Jin Tae  
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