

Tuan Le Dinh

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<https://tuan-ld.github.io/>

EDUCATION

Pukyong National University, Busan, South Korea
Master of Science in Artificial Intelligence

Busan, South Korea
Expected Mar 2023
Current GPA

Vietnam National University (College of Engineering)
Bachelor in Computer Science

Hanoi, Vietnam
Dec 2018

RESEARCH EXPERIENCE

MCSP Lab (Multimedia Communication and Signal Processing Lab)
Research Assistant

Busan, South Korea
March 2021 - Now

- Study applied Deep Learning for Medical and Biomedical Images Analysis
- Implement Neural Nets model to training for classification and Segmentation cancer tumors
- Collect and clean dataset from opensource for example: Chest X-ray images, Chest CT images
- Analyze experiments results and write papers

NLP Research group
Research members

Hanoi, Vietnam
Aug-Dec 2018

- Collect Vietnamese articles and labeled tokens to build up training data
- Study Long Short-Term Memory architecture and modify it for Semantic Role Labeling task
- Run experiments and analyze results for write papers and thesis

INDUSTRY EXPERIENCE

Tinh Van Japan
Software Engineer
2021

Tokyo, Japan
August 2020 – March

VietSoftware International
Software Engineer

Tokyo, Japan
Dec 2018 – April 2020

ACTIVITIES

- Leader of Vietnamese Council at Pukyong National University
- Founder of English Club at Pukyong National University
- Cycling Across South Korea (4 rivers path)

SKILLS

Computer: Python programming, Jupyter Notebook, Anaconda, Docker, etc.
Languages: English (upper-intermediate), Japanese(intermediate), Vietnamese (Native)
Presentations: Give talk in English and Vietnamese

HONORS AND AWARDS

- Journal papers
 - Le Dinh, Tuan, et al. "COVID-19 Chest X-ray Classification and Severity Assessment Using Convolutional and Transformer Neural Networks." Applied Sciences 12.10 (2022): 4861.

- Dinh, Tuan Le, et al. "Breast Tumor Cell Nuclei Segmentation in Histopathology Images Using EfficientUnet++ and Multi-Organ Transfer Learning." Journal of Korea Multimedia Society , vol. 24, no. 8, Korea Multimedia Society, Aug. 2021, pp. 1000–1011, doi:10.9717/KMMS.2021.24.8.1000.

□ Conference papers

- T. L. Dinh, S. -H. Lee, S. -G. Kwon and K. -R. Kwon, "Cell Nuclei Segmentation in Cryonuseg dataset using Nested Unet with EfficientNet Encoder," 2022 International Conference on Electronics, Information, and Communication (ICEIC), 2022, pp. 1-4, doi: 10.1109/ICEIC54506.2022.9748537.
- Tuan Le Dinh, Seong-Geun Kwon, Suk-Hwan Lee, Ki-Ryong Kwon. (2021). A Study on Vision Transformer for Medical Image Segmentation. 한국정보과학회 학술발표논문집, (), 833-835.