Tuan Le Dinh

Busan, Nam-gu, Yongso-ro, 45• 010-5534-6663 • tuanld.nbm@gmail.com•
https://tuan-ld.github.io/

EDUCATION

Pukyong National University, Busan, South Korea — Busan, South Korea
Master of Science in Artificial Intelligence — Expected Mar 2023
Current GPA

Vietnam National University (College of Engineering) — Hanoi, Vietnam
Bachelor in Computer Science — Dec 2018

RESEARCH EXPERIENCE

MCSP Lab (Multimedia Communication and Signal Processing Lab) — Busan, South Korea
Research Assistant — 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 — Hanoi, Vietnam
Research members — 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 — Tokyo, Japan
Software Engineer — August 2020 – March 2021

VietSoftware International — Tokyo, Japan
Software Engineer — 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.