Tuan Le Dinh

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**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.