



PANN VANDET

AI/MACHINE LEARNING RESEARCHER

Vandet holds a Bachelor's in Computer Science and IT, along with a Master's in Computer Science and Engineering. His research focuses on Machine Learning, Computer Vision, Image Processing, and Audio Processing. A passionate learner, Vandet is dedicated to staying updated with the latest advancements in technology.

CONTACT

- +82 010-5863-9561
- vandetpann@naver.com
- Jeonju City, South Korea
- <https://pann-vandet.github.io>

EDUCATION

2019 - 2022

JEONBUK NATIONAL UNIVERSITY

- Master of Computer Science and Engineering

2012 - 2015

PHNOM PENH INTERNATIONAL UNIVERSITY

- Bachelor of Computer Science and Information Technology

SKILLS

- Python / Java / C++ / C# / PHP
- PyTorch / TensorFlow / Keras
- HTML / CSS / JavaScript
- Database / MySQL / SQL Server
- RestAPIs / Wordpress / CMS
- GitHub / GitLab / Jira / Trello

LANGUAGES

- English
- Korean
- Khmer

REFERENCE

The references will be provided if require.

WORK EXPERIENCE

- National Institute of Animal Science (NIAS)** 2023 - PRESENT
Machine Learning/Deep Learning Researcher
 - Working on a project titled "Research of image-based automatic pig pregnancy judgment and abnormal behavior detection technology"
 - Researching on pig vocalization classification using deep learning
 - Data collection, data preparation, and data labeling
 - Developing a robustness model and integrating it into embedded system to detect in real-time in pig farm
 - Improving task management, team working, Korean communication, and working culture
- PlacePass Travel Company** 2016 - 2018
Web Developer
 - Designed and developed a travel listing web application
 - Experienced with Google Tag Management tool. It is used to analyze user interaction on the web platform
 - Developed task responsibilities and management skills
 - Improved communication skill by working closely with team in USA
- WebsenseMalaysia** 2015 - 2016
Front-End Developer
 - Designed, developed and maintained Job listing web application
 - Designed poster and banner for advertising team
 - Experienced with web scraping
 - Improve task management and team communication skills

PUBLICATIONS

SCI(E) Journals 2022 - 2024

- DCNN for Pig Vocalization and Non-Vocalization Classification: Evaluate Model Robustness with New Data
- Affective Attention-Based Mechanism for Mask Face Recognition

Conferences 2020 - 2024

- 6th CIGR 2024: Enhancing Pig Vocalization and Non-Vocalization Classification with DCNN and Data Augmentation (Poster)
- KSAST 2023.10: Improvement of Pig Vocal and Non-Vocal Classification in Smart Livestock Farming Using Deep Learning (Poster)
- KSAST 2023.07: Comparative Analysis of Audio Feature Extraction Methods for Pig Vocalization Classification Using Deep Learning (Poster)
- ACK 2021.11: Modern Face Recognition using New Masked Face Dataset Generated by Deep Learning (Paper)
- KCC 2020.07: Moving Object Detection in Video Surveillance Based on Background Subtraction and Yolov3 (Paper)