



Suvaporn Homjandee

Birthday: February 12, 1998 (24 years old)

EXPERIENCE

2021 - Present

Master Thesis Project at Chulalongkorn University

Improved Random Forest for **handling an imbalanced dataset** in which the experiment is used based on real-world dataset such as Breast-Tissue and New-Thyroid dataset.

2021

Master Thesis Project at Kanazawa University

Applying Total Variation Regularization technique, a mathematics model, reduce noises in an image before **image recognition** by Deep Learning algorithm (Convolutional neural network, CNN).

2020

Bachelor Thesis Project at Kasetsart University

To study analyzing the major factors of treatment alcoholism based on using **association rules** model (Apriori algorithm, a popular algorithm, is used for goods promotion in business fields) for Phramongkutklao Hospital research.

2019

Student internship

About one month at Southern-East Coast Meteorological Center at Songkhla, Thailand, where learns data collection and writing isobar for weather analysis.

SKILL

Good in Python.

Moderate in SQL, Orange program

Knowledge in hypothesis testing, regression, and Machine Learning methods such as Classification and Clustering

INTEREST

Classification and Clustering based on an imbalanced dataset.

Improve noisy images for image recognition (auto-remove the noise without putting parameter).

GRANT/FUNDING

Development and Promotion of Science and Technology Talents Project (DPST)

REFERENCE

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EDUCATION

2022

Master Degree

- Chulalongkorn University
Bankokok, Thailand
- Kanazawa University
Ishikawa, Japan

2008

Bachelor Degree

- Kasetsart University
Bangkok, Thailand

Language

English Toefl ITP: 483/677