

Vittunyuta MAEPRASART

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SKILLS

- **Data Science:** Python (Pandas, Keras, Tensorflow, and Scikit-learn), Data Mining and Analysis, Visualization, Machine Learning
- **Technologies:** Database (MongoDB and SQL), Website development (Back-end development, NodeJS), Java Programming
- **Language:** English (B2 - Upper-Intermediate; IELTS 6, TOEIC 810), Thai (Native)

EDUCATION

Master of Science – M.S., Information Science

📅 Oct 2020 – Ongoing (expected graduation Sep 2022)

Nara Institute of Science and Technology (received Monbukagakusho: MEXT scholarship)

📍 Nara, Japan

Bachelor of Engineering – B.Eng., Computer Engineering

📅 May 2016 – May 2020

Kasetsart University (graduated with First-class honours; GPAX 3.82)

📍 Bangkok, Thailand

EXPERIENCE

Data Analyst Intern - Evaluation system

SenseTime Japan Ltd., Japan

Python, Statistical Analysis, Machine Learning model evaluation

📅 April 2022 – Ongoing 📍 Kyoto, Japan

- Analyse the inference of the existing image recognition models.
- Develop an evaluation system and visualization service of image recognition technology for models comparing performance.

Research Assistant - Software library analytic

Nara Institute of Science and Technology

Python, Data Mining, Pandas, Statistical Analysis

📅 Oct 2020 – Ongoing 📍 Nara, Japan

- Study software contribution and dependency in an ecosystem by gathering data from several data sources in JSON format and mainly processed using Python with DataFrame, and also performed statistical analysis.

Data Scientist Intern and Part-time job - Maintenance

Internet Marketing Co., Ltd

Python, NoSQL concept, MongoDB, Big Data

📅 Sep 2019 – Dec 2019 & June 2020 – Oct 2020 📍 Bangkok, Thailand

- Maintained existing jobs updating big-data that be used on pantip.com, which needed to be rerun as routine and real-time.
- Related to the NoSQL concept and database management with MongoDB.

Data Science Laboratory Intern - Image Processing

Offenburg University of Applied Sciences

Python, Deep Learning, Image Processing, Keras, TensorFlow, TensorRT

📅 June 2019 – July 2019 📍 Offenburg, Germany

- Performed deep learning for image processing using Keras, and TensorFlow.
- Implemented TensorRT, a machine learning Python package, to optimize the deep learning process.

Joined Massive Information and Knowledge Engineering Laboratory

Kasetsart University

Python, Text classification, NLP

📅 Oct 2018 – May 2020 📍 Bangkok, Thailand

- Applied text classification techniques especially Naive Bayes algorithm with data cleaning process (tokenization, lemmatization, and TF-IDF) for a Thai trip advisory website using data from pantip.com.

PUBLICATIONS

👥 Conference Proceedings

- Maepprasart, V., Ikegami, A., Kula, R. G., & Matsumoto, K. (2021). Which dependency was updated? exploring who changes dependencies in npm packages. In *2021 IEEE/ACIS 22nd international conference on software engineering, artificial intelligence, networking and parallel/distributed computing (snpd)* (pp. 258–261).
- Wongta, J., Wongwatkit, C., Boonkerd, J., Chaikajornwat, R., Maepprasart, V., & Khrutthaka, C. (2016). Enhancing course timetable management in science classrooms with user-oriented mobile application: Analysis and prototype development on kmutt-esc case study. In *The 24th international conference on computers in education* (pp. 325–334).