Noppadol **Assavakamhaenghan**

☐ (+81) 80-7484-0191 | ✉ noppadol.assava@gmail.com | 🏠 noppadol-assava.github.io | NoppadolAssava | noppadol-assava

Education

Nara Institute of Science and Technology   *Nara, Japan*

M.S. in Information Science (Received a Monbukagakusho Scholarship) GPAX:3.50/4.00   *Oct. 2020 – Ongoing*

Mahidol University   *Nakhon Pathom, Thailand*

B.S. in Information and Communication Technology (Graduated with First-class honours) GPAX:3.89/4.00   *Aug. 2016 – May. 2020*

Experience

Data Analyst Intern - Evaluation System   *Kyoto, Japan*

SenseTime Japan Ltd.   *April. 2022 – Ongoing*

- Research and develop evaluation system for image recognition technology
- Analyse the inference of the existing image recognition technology
- Propose and develop visualization service for comparing performance of image recognition technology

Research Assistant - Chatbot   *Nara, Japan*

Nara Institute of Science and Technology   *Feb. 2021 – Ongoing*

- Implemented machine learning for text classification using Tensorflow.
- Designed and Implemented the infrastructure of the Chatbot system.
- Lead the team of 4 graduates students in this project.
- Contributed to integrating the Chatbot system to Google Home.

Research Assistant - Code Review   *Nara, Japan*

Nara Institute of Science and Technology   *Oct. 2020 – Ongoing*

- Studied related researches on code review.
- Prepossessed big data using PySpark.
- Performed sentiment analysis of the textual information (e.g. code review comment.)
- Designed hypotheses and performed statistical analysis
- This work was published as "Does the first-response matter for future contributions? A study of first contributions." in MSR2021.

International Research Internship Student - Software Engineering Laboratory   *Nara, Japan*

Nara Institute of Science and Technology   *Jun. 2019 – Aug. 2019*

- Collected software development process data from JIRA issue Tracker.
- Performed an analysis on the collected data and created visualizations.
- This work was published as "Software Team Member Configurations: A Study of Team Effectiveness in Moodle" in IWESEP2019.

Research Assistant - Software Team Recommendation   *Nakhon Pathom, Thailand*

Mahidol University   *Aug. 2016 – May. 2020*

- Collected software development process data from JIRA issue Tracker.
- Designed and Implemented the script for the team recommendation algorithm.
- Lead the team of 3 undergraduates students in this project.
- This work was published as "Towards Team Formation in Software Development: A Case Study of Moodle" in ECTI-CON2020 and "Automatic Team Recommendation for Collaborative Software Development" in EMSE2021 (Q1.)

Skills

Data Science	Python (Pandas, PySpark, Tensorflow, and Scikit-learn), Data Mining, Statistical Analysis, Visualization, Machine Learning
Technologies	Database (SQL and MySQL), Website Development (Node.js, Django), Java Programming
Languages	Thai (Native), English (TOEIC IP:925)

Selected Publication

Journal Articles

- Tuarob,S. ,**Assavakamhaenghan,N.**, Tanaphantaruk, W.,Suwanworaboon, P.,Hassan,S.-U.,& Choetkiertikul,M. (2021). Automatic team recommendation for collaborative software development. Empirical Software Engineering, 26(4), 64. doi:10.1007/s10664-021-09966-4