

EDUCATION

King Mongkut's University of Technology Thonburi (KMUTT), Bangkok Thailand **2022 – Present**

- Bachelor of Engineer in Computer Engineering (International Program) – Computer Engineering Major
- Yellow Light Shining Bright Scholarship – Innovator Scholarship Full Paid from university for students who are creative in creating innovation and building a national and global reputation for the university.

Committee Member Faculty of Computer Engineering Student Association - Director of Problem-Solving Department.

- Managed staff to solve the problem and planning the idea to solve the problem in the faculty.

Leader of Carpe Diem Student Organization - President of the organization

- Organized events for the charity to help improving sustainability by applying AI technology and organized the Free Bootcamp about the Programming coding in AI and game development domain for primary school student, high school student, and university student by focusing on the Project-based learning (PBL).

Core Team Member of Boundless Entrepreneurship Unleashing Potential Across Domain – Leader Core Team

- Managed planned to deal with the biggest university business exhibition that organized by DEVA, Carpe Diem, Hatch KMUTT and Sandboxen by cooperative worked with a lot of company and startup in Thailand.

Member of INENG laboratory – Member of research laboratory

- Participated in organizing charitable robotics workshops in various rural schools across Thailand.

University of Toronto (U of T), Toronto Canada **2024 – Present**

- Bachelor of Electrical and Computer Engineering (International Program) - Inbound Exchange Study

WORK EXPERIENCE

DCP Global. (This company dealing with analyst and labeled the search query from search engine) **Mar – May 2023**

Search Engine Researcher, NLP Query Analyst Remote, Australia

- Worked in with data from search query in Thai language and tried to analyst by categorized the context of query.

WEDO SCG. (One of top 3 biggest company in Thailand deal with solution about logistic and material) **May – Aug 2023**

Machine Learning Engineer Internship, Brain Computer Interface Laboratory

- Worked on developing innovations to assists bedridden patients with various disabilities by incorporating AI and Neuroscience technology. This effort received collaborative research support from both the government sector and Mahidol Hospital.

Chief Executive Officer (CEO) Micro Enterprise Internship at SaFTeX

- Worked as an executive, founding an inside startup that spun off from the parent company, WEDO SCG, aimed at developing innovations that foster sustainable solutions. My role involved developing a prototype solution that integrated biosensors and AI to enhance safety in the ecommerce industry by reducing the risk of accidents during the transportation of hazardous material. This involved predicting drowsiness levels and detecting situations that could lead to accidents. The project, which applied these technologies to prevent accidents, received collaborative support from a unicorn ecommerce startup, further extending the research and development efforts towards practical and innovative industry applications.

Botnoi Group. (This is the top startup company of natural language processing solution) **Nov 2023 – Jan 2024**

AI Researcher Internship, Botnoi Voice

- Worked on a key role in Botnoi's largest project to date, the multilingual transformer project, leveraging a supercomputer Lanta to train AI models. I was part of the research team focused on text-to-speech and voice conversion, contributing to the development of models by applying the latest techniques from recent research publication. This approach enabled significant advancements in our solutions. My involvement extended to collaborations with leading news corporations from Thailand and abroad, and the outcomes of this project were showcased at an innovation exhibition in the media sector. Notably, our project received accolades from top Chinese media outlets during the launch event, highlighting the impact and innovation of our work.

Neuroscience Center for Research and Innovation (NX).

Jan 2024 – Present

Neuroscientist Research Assistant Part time

- I contributed to a research journal and conference paper project, overseeing the experiments conducted with the subject and analyzing signal data to uncover insights. My role involved utilizing expertise in AI, as well as in neuroscience and behavior, to interpret the data effectively. This interdisciplinary approach allowed for a deeper understanding of the signals, bridging the gap between technology and human behavior to extract meaningful conclusions.

RISC Magnolia Quality Development Corporation Limited (MQDC).

Feb 2024 – June 2024

Neuroscientist Research Assistant Part time

- Worked with research about olfactory sensing by applied AI techniques to prove the hypothesis of aromatherapy.

National Electronics and Computer Technology Center (NECTEC).

July 2024 – Present

Frontier Researcher Fulltime

- Become a team lead to worked with research conference papers about Large Language Model to do a state of the art (SOTA) of Thai large language model that aim to publish in ACL.

EXTRACURRICULAR ACTIVITIES & ACHIEVEMENT

1st Winner AI Thailand Hackathon 2024 EP.1 AI Cooking, NECTEC, NSTDA

April 2024

- Participated in a national competition focused on applying AI, specifically transformer models and LLMs, to solve real-world problems. My project, DOCTOR SAM, is a healthcare chatbot designed for preliminary patient symptom screening to identify potential diseases. It supports voice input in regional dialects, translating them into Thai text, and summarizes patient history. The development leverages a Multi-Agent Architecture, including Typoon 1.5x, OpenBioLLM, Thonburian Whisper (ASR Thai Dialect), The goal is to assist doctors in small public hospitals and provincial hospitals in Thailand, which often have limited medical staff, to work more efficiently.

1st Winner & Best Individual Thai Image captioning Hackathon, Super AI Engineer SS4, AIAT

April 2024

- This is a national competition about Transformers and LLM to solve real problem to caption the food and travel category images.

1st Winner Golden Medal, Brain Hackathon 2023

January 2024

- This is a national competition focused on innovations in neuroscience, with a specific emphasis on applying AI to solve neurological problems. Winners of the competition will have the opportunity to intern with a national research institute and will also have the chance to publish their extended research findings, building upon the work presented in the competition. This initiative not only seeks to advance the field of neuroscience through innovative AI applications but also aims to foster the next generation of researchers by providing them with valuable exposure and experience in the field.

2nd Soil water content prediction hackathon, Super AI Engineer SS4, AIAT

February 2024

- This is the hackathon about IOT sensor problem that need an AI model to predict soil water content.

2nd Legal Act Classification Super AI Engineer SS4, AIAT

May 2024

- This is the hackathon about using RAG to classify the legal act of committee in company.

1st Winner & The Best Prototype, WEDO SCG

August 2023

- This is startup competition inside the WEDO SCG to find the best solution for Micro companies that spun off from WEDO.
- Become a speaker at the largest technology exhibition in Southeast Asia, the Tech Innovation Showcase, where I had present on R & D project of SaFTeX. This innovation involves the real-time detection of drowsiness levels neural signal analysis, aimed at mitigating the risk associated with the transportation of dangerous materials. The project represents a significant advancement in safety technology.

1st Runner-Up in CHOICEISYOURS Rethink with Microsoft, SCG, BMW, Chaipattana foundation

August 2022

- This is a national competition that invites participants to present ideas and solutions for addressing climate change and promoting sustainability, with the aim of creating a positive impact on global society.

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3rd Runner-Up in Imagine Cup Thailand National Final, Microsoft

March 2023

- This competition is designed to find innovative solutions that address global societal issues by applying AI.

MISCELLANEOUS

- Languages Thai (Native), English (Fluent), Japan (Basic), China (Basic)
- Computer Skills Python, Machine learning, Deep Learning, MATLAB, Tableau, C, C++, Assembly, Google sheet
- Interests Artificial Intelligence, Neuroscience, Psychology, Philosophy, Chess, Anime, Board games