

# Pawarit Thareechan

Bangkok, TH

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Tel: (+66)083-028-2014

## EDUCATION

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- **King Mongkut's University of Technology North Bangkok(KMUTNB)** Bangkok, TH  
*Bachelor of Computer Engineering* Aug. 2015 – Apr. 2019

## EXPERIENCE

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- **Avalant CO. LTD** Bangkok, TH  
*Data Scientist* Apr 2023 - present
  - **Optimized Employee Performance** : Developed end-to-end solutions in Python to optimize employee performance and feedback processes, driving employee growth.
  - **End-to-End Data Lakehouse Project** : Led the implementation of an end-to-end data lakehouse project utilizing Apache Spark, Apache Superset, Apache Iceberg, and Min.io for efficient data storage, processing, and visualization.
- **Looloo Technology** Bangkok, TH  
*Machine Learning Engineer* Aug 2021 - Mar 2023 (1 year 7 month)
  - **Car Price Project** : Developed a regression model in Python using scikit-learn to predict car auction prices based on car brands, models, manufacturing years, and other relevant factors.
  - **Steganography** : Engineered a pipeline in Python utilizing OpenCV for image processing and manipulation, implementing steganography techniques to conceal user identification in images, audio, and backgrounds.
  - **Wav 2 Talking Head Cartoon** : Designed and implemented a neural network model using TensorFlow and Generative Adversarial Networks (GANs) to generate talking animations from spoken voices.
  - **Cardboard QR Code Classification** : Built and trained a deep learning model using TensorFlow and EfficientNet for efficient and accurate classification of QR code images.
  - **Symptom Clustering** : Developed a natural language processing (NLP) model in Python using spaCy and scikit-learn to classify symptoms from textual context, facilitating medical diagnosis.
- **iCONEXT CO., LTD.** Bangkok, TH  
*Software Engineer (Internship)* Apr 2018 - Jul 2018
  - **Line Chatbot** : Created a Line chatbot in C# that automated the management of meeting rooms, checked availability, and facilitated reservations.
  - **Automated Sales Report** : Designed and implemented an automatic sales reporting system in C# for weekly database updates, streamlining data analysis processes.

## ACCOMPLISHMENTS

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- **Health Data Science Hackathon by BDMS** Bangkok, TH  
*Reward 10,000 THB (Approximate 300 USD)* (2021)
- **Codesignal** Global  
*Leaderboard top 10 - All time (Country - Thailand)* (2020)
- **Teacher's Assistant** Bangkok, TH  
*Bachelor of Engineering: Computer Engineering* (2019)
- **Variable Selection using AUC optimization** Bangkok, TH  
*Senior Project* (2019)
- **Cyber Security Challenge by KPMG** Bangkok, TH  
*Participation* (2018)

## PROGRAMMING SKILLS

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- **Languages** : Python, C#, SQL, Markdown, Latex, shell, JavaScript
- **Tools** : Jupyter notebook, VS Code, Apache Spark, Apache Superset, Numpy, Pandas, Regex, Git, Tensorflow, Unity(game engine)