

# Pawarit Thareechan

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## 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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- **Looloo Technology** Bangkok, TH  
*Machine Learning Engineer* Aug 2021 - present
  - **Car Price Project** : Develop regression model to predict car auction prices by car brands, car models, manufacturing years, and other important information.
  - **Steganography** : Develop pipeline to hide user identification in pictures, sounds and backgrounds. The user identification is undetectable to the normal human eye and ear.
  - **Wav 2 Talking Head Cartoon** : Develop neural networks model using generative adversarial network (GAN) to generate talking animation from speaking voice.
  - **Cardboard QR Code Classification** : Develop the neural networks model using EfficientNet to classify QR code images.
  - **Symptom Clustering** : Develop the natural language processing (NLP) model to classify the symptom from the human context.
- **iCONEXT CO., LTD.** Bangkok, TH  
*Software Engineer (Internship)* Apr 2018 - Jul 2018
  - **C# LineBot** : Develop line chatbot to automatically manage meeting rooms, check availability, and make reservations.
  - **C# Order report** : Develop automatic reporting system for weekly database updates.

## ACCOMPLISHMENTS

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- **Health Data Science Hackathon by BDMS** Bangkok, TH  
*Reward 10,000 THB (Approximate 300 USD)* (2021)  
1-day hackathon with 3 - 5 person each team. Analyze patient data anonymously, visualize data, check for abnormality and predict data trends.
- **Codesignal** Global  
*Leaderboard top 10 - All time (Country - Thailand)* (2020)  
Programming training website. This website has lots of problems to solve. Can be done in multiple languages and a wide variety of problems such as tree, dynamic programming, greedy technique and interview practice.
- **Teacher's Assistant** Bangkok, TH  
*Bachelor of Engineering: Computer Engineering* (2019)  
Computer programming fundamentals.  
Data structure and algorithm.  
Analysis and design of algorithms.
- **Variable Selection using AUC optimization** Bangkok, TH  
*Senior Project* (2019)  
Use L2 (lasso) to select attributes and evaluate their performance with AUC.
- **Cyber Security Challenge by KPMG** Bangkok, TH  
*Participation* (2018)  
1-day system Hack competition. In many methods such as SQL injection, web vulnerability, ssh vulnerability.

## PROGRAMMING SKILLS

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- **Languages** : Python, R, C#, SQL, Markdown, Latex, shell, JavaScript
- **Tools** : Jupyter notebook, VS Code, Numpy, Pandas, Regex, Git, Tensorflow