Pawarit Thareechan

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EDUCATION

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

EXPERIENCE

- **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. the

- **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

- **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 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

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