

NATCHAPOL PATAMAWISUT

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13/33 Nanthawan Bangpai
Bangkae Bangkok 10160

SKILLS

- Python, JavaScript, C/C++, R, SQL, MatLab, Solidity
- TensorFlow, Pytorch, Sklearn, OpenCV, Spark, Qiskit
- Cassandra, Postgres, Redshift, CosmosDB
- React Native, React, Vue
- Flask, Django, Express, NodeJS, Smart Contract
- DAQ, ARMs, LabView, Raspberry Pi
- Git, Docker, Kubernetes, CI/CD, Scrum
- PowerBI, Tableau

EDUCATION

BS King Mongkut's University of Technology Thonburi, Computer Engineering
GPA 3.77

EXPERIENCE

Google Developer Student Club 09-2020 to current

Position, Core Team

- Organizing Google events in KMUTT community.
- Sharing knowledge of Google technologies to community.

Botnoi Consulting Co., Ltd.

08-2020 to current

Position, Data Science Tutor

- Teaching Data science course in 8 modules.
- Data analytics & Visualization, Machine learning basics, Prediction models, Trend forecasting, Customer segmentation, Contextual & Personal marketing, Recommendation system, Anomaly & Fraud detection and Story telling.

Microsoft Learn Student Ambassadors

08-2019 to current

Position, KMUTT Lead

- Organizing Microsoft events in KMUTT community.
- Encourage community to build their technical skills with Microsoft Learn.

AVA Advisory limited

06-2020 to 08-2020

Position, Data Scientist Intern

- Develop Deep learning model for tracking stock patterns with Pytorch.
- Researching about state of the art method for pattern recognition including Dual Path Network, DETR.
- Using Transformer and Siamese model together for One-shot learning task.

PROJECT

Solving Max Cut problem with Glover's Search Algorithm

- Using Quantum search algorithm Glover's Search to solve graph problem, Max Cut problem.
- Improve time complexity from $O(2^n)$ (classically) to $O(2^{n/2})$ (quantumly).

Machine Learning energy management IoT devices and mobile application

- Using ESP32 for creating IoT energy monitoring devices.
- Create React Native mobile application and visualize data from IoT devices.
- Using LSTM for time series energy usages prediction.
- Award - Honorable mention from Top Innovations For Living Competitions 2020.

Thai MNIST handwritten digits image classification

- Using ensemble method to do image classification.
- 2nd ranking in Kaggle competition with MEA score 0.2

Super AI Engineer Contest

- Qualify 2nd round of first AI contest in Thailand.
- Create various AI blogs for sharing knowledge.

CERTIFICATIONS

Azure Fundamentals (AZ-900)

- Certification for passing AZ-900 exam.
- Proof knowledge of cloud concepts, Azure services, Azure workloads, security and privacy in Azure, and Azure pricing and support

TensorFlow Developer Certification

- Certification for passing TensorFlow Developer Certification exam.
- Understanding of building TensorFlow models using Computer Vision, Convolution Neural Networks, Natural Language Processing, and real-world image data and strategies