

Pasin Sirirat

Industrial Engineering Student - Final Year

I am always eager to learn something new and have ability of self-learning. I have technical skills of Data Analytics and Machine Learning and have interests in implementing my knowledge of Data Science in several fields.

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🌐 pasinsiri.github.io/PortfolioWeb/

in linkedin.com/in/pasin-sirirat-169525173

🐙 github.com/Pasinsiri

EDUCATION

B.Eng (First Class Honor) in Industrial Engineering

Faculty of Engineering, Chulalongkorn University

07/2016 – Present

Current GPAX is 3.72

Courses

- Machine Learning
- Statistics
- Operations Research
- Design of Experiment

WORK EXPERIENCE

Lead Junior Organising Committee

Chulalongkorn Alumni Mentorship Program (Engineering)

05/2019 – Present

Achievements/Tasks

- Leading the squad of nine other engineering students, co-operating with senior OCs, distributing tasks, and acting as a connector between mentees, other OCs, and mentors.
- Being a part of the core team of the project, defining values of the program, then designing missions and activities aligning with the values.

Data Analyst Intern

Bank of Thailand

06/2019 – 07/2019

Achievements/Tasks

- Performed time-series forecasting and machine learning algorithms in Python to forecast the export value, received the least error of 13%.
- Used YOLOv3, the deep learning algorithm, for object detection project.

Academic Director

Fundamental Engineering (FE) Camp

10/2016 – 05/2019

FE Camp is the PAT3 (Engineering Aptitude Test) tutorial camp for high-school students.

Achievements/Tasks

- Conducted and analysed the PAT3 simulation test.
- Taught Physics and Mathematics, and was the third best tutor among all 22 tutors following the performances.
- Used R to test hypothesis from students' simulation test scores.

Guest Speaker

Larngear Camp

07/2017 – 01/2019

Larngear Camp is the guidance camp for high-school pre-engineering students.

Achievements/Tasks

- Created a program simulating prices to explain the price mechanism.
- Gave advices to students who interested in the Industrial Engineering.

SKILLS

Python

R

SQL

Machine Learning

Microsoft Offices

Tableau

Time Series Analysis

Regression Analysis

PROJECTS

NLP Disaster Tweets by Kaggle
(11/2019 – Present)

- Predicting whether a twitter message about disasters is real or fake using GloVe.
- Currently ranked in top 1100.

DengAI Competition by DrivenData
(07/2019 – Present)

- Predicting the number of Dengue virus case occurrences over time using Gated Recurrent Unit.
- Currently ranked in top 1100.

House Price Competition by Kaggle
(05/2019 – Present)

- The house price regression problem using several houses and demographical factors.
- Currently ranked in top 1600.

CERTIFICATES

Received 3rd place in the Mathematics team competition at Princess Sirindhorn's College (2016)

Princess Sirindhorn's College

LANGUAGES

English (with TOEIC Score of 920)



INTERESTS AND HOBBIES

Data Science

Music

Stock Trading

Languages