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.

✉ pasin.sirirat@gmail.com   📱 0830624927   in linkedin.com/in/Pasin Sirirat   ⬡ github.com/Pasinsiri

EDUCATION

Final year in Industrial Engineering
Faculty of Engineering, Chulalongkorn University

07/2016 – Present   *Current GPAX is 3.73*

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

WORK EXPERIENCE

Lead Junior Organising Committee
Chulalongkorn Alumni Mentorship Program (Engineering)

05/2019 – Present
ChAMP is the project to create a network among engineering students.
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 in Python, 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
- Made tutorial book and 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 using MS Visual Studio which simulated prices to explain the price mechanism.
- Gave advices to students who interested in the Industrial Engineering.

SKILLS

Python   R   SQL
Machine Learning   Deep Learning
Microsoft Offices   Tableau
Time Series   Hypothesis Testing
Regression Analysis

PROJECTS

DengAI Competition by DrivenData (07/2019 – Present)
- Predicting the number of Dengue virus case occurrences over time using climate data.
- Currently ranked in top 1100.

NLP Disaster Tweets by Kaggle (11/2019 – Present)
- Predicting whether a twitter message about disasters is real or fake.
- 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)
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INTERESTS AND HOBBIES

Data Science   Music   Stock Trading
Languages