

# PONGSAPAK

## Computer engineering and AI

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## SUMMARY

A data science learner with experience in data analysis, predictive modeling, and machine learning. Proven ability to analyze large datasets and generate insightful and actionable results. Experienced in designing, developing, and deploying data pipelines and machine learning models. Applying for a position as a Data Scientist intern to leverage my knowledge and expertise to drive data-driven decision making.

## EXPERIENCE

### Team member- AI Apps for room booking system

#### CAICAMP

09/2022 - 12/2022

https://caicamp.cpall.co.th/

- Contributed to a 30% reduction in meeting room booking times through the implementation of the NLP chat and recommendation systems.
- Agile methodologies for project management and coordination.
- Leveraged Gantt charts, Milestone tracking, and User Acceptance Testing (UAT) for effective project management.
- Leveraged Python and Django to create a robust and scalable back-end infrastructure.

### Team Member-CubeSat for Beam Charging

#### ACC Thailand-satellite Competition

02/2023 - 09/2023

https://mut.ac.th/acc-thailand-section-project/

- Implemented a robust risk management strategy, utilizing established Milestone formats including PDR, CDR, MRR, TRR, and ARR, to proactively address and mitigate potential project risks.
- Skilled in satellite systems software development, with a strong focus on ensuring reliability, real-time data processing, and effective remote communication.
- Utilized data visualization tools and software to design and create effective heatmaps for risk assessment and decision-making.
- Applied knowledge of space technology and CubeSat tracking principles to develop a real-time detection system.

### Team Member-Examining Martian storm behavior

#### School Satellite Competition

08/2023 - Present

https://www.gistda.or.th/news\_view.php?n\_id=6961&lang=TH

- Managed payload utilization and conducted data evaluations, anticipating valuable insights from Mars during each season.
- Leveraged data visualization skills to conduct rigorous data evaluations, translating raw data into actionable insights, which proved instrumental in enhancing our understanding of the Martian environment.

## EDUCATION

### Computer engineering and AI

#### Panyapiwat Institute of Management

2022 - Present

GPA

3.20 / 4.0

## TECH STACK

Python

Java

R

SQL

Power BI

Looker studio

Tableau

Git

Azure cloud

TensorFlow

## PROJECT

### Credit scoring for Bank dataset.

- Credit scoring knowledge (PD, Approval Rate and Bad Rate)
- Data understanding (EDA and Risk Ranking)
- Data preparation (Data cleaning, WOE and IV)
- Build, tune and interpret logistic regression model
- Model evaluation (Gini and KS)
- Convert PD to score grade
- Propose Cut-off (Gain Table)
- Model implementation in production

### Predicting Temperature in London

- Climate Patterns and Weather Prediction
- Intricate Factors in Weather Forecasting
- Regression Models for Mean Temperature Prediction
- Tools: sklearn Library and MLflow

## CERTIFICATION



### Certified Professional Data Analyst

DataRockie, 2023



### Google Data Analytics Professional Certificate

Grow with google, 2023



### Google Advanced Data Analytics Professional Certificate

Grow with google, 2023

## VOLUNTEERING

### Microsoft Learn Student Ambassador

#### Microsoft

07/2023 - Present

Microsoft Learn Student Ambassadors: Global campus leaders fostering student communities, enhancing tech skills, and building futures.