



WANIDA KHOTAKHAM

CONTACT

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📍 Rangsit University

EDUCATION

Newcastle University, United Kingdom

2020 - 2021

M.Sc.Data Science with Merit

King Mongkut's University of Technology Thonburi, Thailand

2014 - 2018

B.Eng.Automation Engineering

(International Program)

AWARDS & CERTIFICATIONS

- Academic Excellence Scholarship during Bachelor's study
- Vice-chancellor's Scholarship for Master's study
- ICA SP-CON2018 Certificate
- Certified Advanced Data Analytics from Google

SPECIALIZED FIELD

- Data Science
- Data Analytics
- Machine Learning & Deep Learning & Artificial Intelligence
- Data Visualization
- Database design and web application development
- SQL and NoSQL
- Big data analytics
- Programming Language: Python, R

PROJECT & RESEARCH

- Database design and Web development for University Courses Management
- Development of Cloud MES for Starch plant
- Comparison of Facebook Prophet and ARIMA for Stock price prediction
- Web application development for Adaptive Fly Height Monitoring Dashboard
- On-demand MDEF Visualization for Media Defects
- Classification of Read-Write Integration Failure Symptom
- Web application development for Failure summary Report

PROFESSIONAL EXPERIENCE

LECTURER

College of Biomedical Engineering, Rangsit University, Thailand

August 2024 - Present

Computer Programming Languages, Big Data Analytics in Medical, Medical Machine Learning, Deep Learning and Artificial Intelligence

ANALYTICS ENGINEER

Western Digital, Thailand

April 2022 - July 2024

- Analyze large-scale structured data, and convert them to insightful information.
- Design and analyze experiments on the development of machine learning to adopt the classification model for HDD failure from production.
- Create and design dashboards for monitoring purposes.
- Collaborate with team members to develop web applications for HDD failure summary reports, responsible for data preparation, and visualization.

SYSTEM ENGINEER

Seagate Technology, Thailand

August 2018 - August 2020

- Improve HDD performance while maintaining quality, also reducing product testing time.
- Apply data analysis to find the root cause of failure, data used in tasks involving several parameters in production assembly & environment, materials, and firmware.

INTERN RESEARCHER

Kanazawa University, Japan

June 2017 - July 2017

- Design database and implement it using PostgreSQL, develop web services for users interaction.