



Krissada Rongrat



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Profile

13+ years of software project experience with a developing and implementing software that have significantly impacted business operation and regulation. 5+ years of experience applying Python and SQL for algorithm development, data modeling, and data science. Hands-on experience applying several ML algorithms to real-work problems: Neural Networks, Random Forest, Time Series Predicting, Clustering, Generalised Linear Models, Simulation models, etc. Strong experience building end-to-end on the GCP platform.

QUALIFICATION HIGHLIGHTS

- Extensive experience working with aspects of developed data and software system.
- Expertise in full data and software project life cycle development for implementation and integration (determining, collecting, cleaning, validating, apply model and algorithm, analysing and improve model, interpreting and communicating using visualisation)
- Highly experience in the problem solving and dealing with complex and sensitive issues that occur between team members and project.
- Deep understanding of technology with focus on delivering business solution.

Work Experience

Machine Learning Developer and Consultant - Part Time

July 2017 - Current

- Implemented model for movie recommendation system
- Design and implemented the end-to-end platform for Thai-handwriting recognition
- Consulted and implemented NLP for chat-bot application by artificial neural

Project Delivery Manager - QNET - Bangkok

December 2018 - April 2019

- Full duties of delivery manager to deliver e-commerce, content management and personalisation software project based on Sitecore platform

Technical Lead - KBTG - Nonthaburi

July 2016 - November 2018

- Designed, documented and implemented project to condense five separate long-distance extract systems into one called module. This reduced future maintenance and testing time by >50%. Completed project <3 months and ahead of schedule.
- Design and implemented the end-to-end platform for improving core-banking batch processing to capture transaction in batch processing behavioural and improved by ML algorithm
- Implemented forecasting model which optimised productivity and efficiency of back-end operation by Time-Series and Classification algorithm.
- Led rotational on-call production support for core-banking group system after reductions in personnel required analysts to take

Senior Business and Data Analyst - NCR Thailand - Bangkok

November 2005 - June 2016

- Understanding the business problem and convert it into an analytical problem
- Identify the right data sources and format (Structure/ Un-Structure) to solve the problem
- Collected, studied, and interpreted datasets; conducted reports; performed accurate
- Implemented forecasting model which optimised productivity and efficiency of back-end operation
- Implemented AI engine for improving handwriting recognition on customer document
- Estimated initial project costs and resource planning leading to sooner than later project funding approvals
- Created and delivered full sign-off project documentation starting from development and ending at post-production deliverables by working with Key Stakeholders to elicit information and gain agreement

Education

- 2017 M.S. in Software Engineering - Chulalongkorn University - Bangkok
- 2005 B.Inc.Tech in Electronic Computer Technology - KMUTNB - Bangkok

Certificate

- GCP - Advanced Machine Learning with TensorFlow on Google Cloud Platform Specialization
- GCP - Machine Learning with TensorFlow on Google Cloud Platform Specialization
- CHULA MOOC - DATA SCIENCE PATHWAY (gold award)

Details

772/595 Rama III rd., Bang Phong Phang, Yan Nawa, Bangkok 10120

DATE/PLACE OF BIRTH

04/10/1982

Skills

Programming Language: C, Python, R, SQL, R, Java, Golang

Library/Tool: PythonNotebook, TensorFlow, Keras, Scikit-learn, Pandas, Seaborn, Apache Spark, Kubernetes, Docker

Version Control: GitHub

Database: MSSQL, MongoDB, Redis, BigQuery, BigTable, Hadoop

Cloud: GCP

SDLC: TDD, Scrum, Pair Programming

Languages

Thai (Native)
English (B1 Level)
Chinese

Interest

AI (Computer Vision, Speech, Natural Language Processing)
Machine Learning Algorithm