VANISA ACHAKULVISUT

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EDUCATION

UNIVERSITY OF ILLINOIS AT CHICAGO — Chicago, IL

Master of Science in Business Analytics — August 2020 – December 2021

Relevant coursework: Advance Database Management, Machine Learning, Data Visualization — GPA 3.88/4.00

- *Loan Default and Return Prediction (R)*
  Led a team of 3 to create robust tree-based predictive modeling of loan default and annual returns to support the investment approach resulting in projected annual increase of 22.4%.
- *Classroom Database Management Challenge (SQL)*
  Managed the customer transaction relational database and found the insights to answer the business inquiries.
- *Airline Performance Analysis based on Chicago (Tableau)*
  Identified airlines' operational performance issues and provided competitive solution strategies.
- **Activities**: Quantitative Trading Club: Club Secretary, Co-organized Trading Workshop and Competition.

CHULALONGKORN UNIVERSITY — Bangkok, Thailand

Bachelor of Engineering in Chemical Engineering. — May 2013 – June 2017

- **Activities**: Volunteer Teaching Club: Academic Leader — GPA 3.24/4.00

TECHNICAL SKILLS

- Advanced skills of programming languages: Python, R, SQL, JavaScript, HTML, VBA.
- Proficient user of Data Visualization tools & Analytics Software: Tableau, Power BI, SAS, Access.

EXPERIENCE

FOCUS TEN CONSULTING — Chicago, IL

Data Discovery and Reporting Intern — October 2021 – December 2021

- Performed the data ingestion to the database and developed SQL quires to collect data for client reports. *(SQL)*
- Developed interactive dashboards to communicate financial, operational, and sales & marketing information to client company principals. *(Power BI)*

KAVI GLOBAL — Chicago, IL

Data Analyst Intern, Capstone Project Point of Contact — September 2021 – December 2021

- Selected the best model by comparing tree-based machine learning models with the time series analysis for carload commodity prediction and scheduling in the rail transportation industry. *(Python, Power BI)*
- Liaised between team, capstone sponsor, and professor with agile scrum methodology.

YMY SOLUTIONS — Chicago, IL

Research Analyst Intern — June 2021 – August 2021

- Conducted market research, evaluated company financial statements and growth prospects via DCF and M&A model.
- Improved business systems using Systems Development Life Cycle (SDLC) concept in Business Intelligence Platforms.

BANGKOK BANK — Bangkok, Thailand

Portfolio Management Analyst — August 2019 – August 2020

- Raised overall profit 5% per portfolio through collaborative optimization strategy with Analytic and Policy teams.
- Automated Portfolio Dynamic Profile input process saving 20% of times per decision cycle. *(VBA, SAS, SQL, Access)*
- Built statistic-based loss forecasting models and balanced default risk of loan portfolios. *(VBA, SAS, SQL)*
- Investigated economic behavior from survey data and performed stress tests to forecast Covid-19 impact on enterprise.

TECHNIP FMC — Bangkok, Thailand

Process Engineering Consultant — September 2017 – June 2019

- Conducted economic safety integrity analysis directly to clients on $80M revamping project in refinery system.
- Optimized thermo-fluid energy consumption and modified pipe route resulting in cost reduction of $200K annually.
- Designed General Offshore Oil & Gas Wellhead Platform Guidance applicable to all resources in the Gulf of Thailand.