Lim Kok Tong

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EDUCATION

Singapore University of Technology and Design (SUTD)   Singapore
- Bachelor of Engineering (Engineering Systems and Design)   May 19 to Aug 22
  with Honours with Highest Distinction
- Specialization in Supply Chain & Logistics and Business Analytics & Operations Research
- Top student (Keppel Awards of Excellence)
- SUTD Honours List 2020/2021, SUTD Honours List 2021/2022

NUS High School of Mathematics and Science   Singapore
- High Distinction in NUS High School Diploma   Jan 11 to Dec 16
- Honors in Mathematics and Physics

UNDERGRADUATE TEACHING EXPERIENCE

- 10.022 Modelling Uncertainty (Calculus)   Jan 21 to Jan 21
- 10.013 Modelling and Analysis (Probability and Statistics)   Sep 21 to Dec 21

PROJECT EXPERIENCE

HOUSING AND DEVELOPMENT BOARD (HDB)   May 21 to Sep 21
- Reviewed and streamlined the sprucing up process of terminated rental flats
- Developed a program to track status of terminated rental flats so as to better monitor the overall physical stock
- Stress-tested the program and adjusted the program to reflect information useful for management
- Enabled management to leverage on the merged file to guide decisions, such as shortlisting vacant flats for one-time-contract

Data and Business Analytics (with Infineon Technologies)   Sep 20 to Dec 20
- Tasked to construct a revenue forecasting model for Infineon using its historical revenue data and related economic indicators
- Applied moving-average, holts-winter, ARIMA and LSTM RNN models for forecasting and evaluated the models using MAPE
- Developed a final ensemble model that combined the best models for historical revenue data and related economic indicators
- Presented the final ensemble model to Infineon, which was then adopted by the company

ADDITIONAL INFORMATION

- Strong in Business Analytics, Optimization, Stochastic Modeling
- Fluent in R language, Python, SQL, JavaScript
- Fluent in English and Mandarin (spoken & written)
- Hobby: General Reading