

King San Chan (Dickson) 陈憬燊

Home +852 2882-2772

Website www.chandickson.com

Mobile +852 6311-6311 +86 136-9420-0912

Email dicksonchan126@gmail.com

Work Experience

Fintech Consultant at Deloitte Advisory Limited., *Hong Kong, China*

2017-Present

Working as a management consultant providing technology and strategy consulting services to my clients. I work in a fast-paced department, requiring me to learn constantly and adapt to the ever-changing technological landscape. During my time here, I have tackled proposal pitching, project management and solution implementation, which have strengthened both my client skills and my problem-solving skills. I have gained extensive experience in 3 major fields: Machine learning, Robotic Process Automation, and Blockchain. My clients include worldwide insurers, global banks, and the public sector.

Education

BSc. in Mathematics - Imperial College London, London, UK

2012-2015

Major Fields of Study: Mathematical Finance, Portfolio Management, Credit Scoring, Statistics, Algebra, Number Theory, Scientific Computing, Game Theory

Winchester College, Winchester, UK

2007-2012

Distinction 1s and 2s in 5 Cambridge Pre-Us:

Mathematics, Further Mathematics, Economics, Physics, and Chemistry

Skills & Certifications

Chartered Financial Analyst Institute

Passed CFA Level I, CFA Level II Candidate

Deep Learning Specialization by deeplearning.ai - *Andrew Ng*

Neural Networks and Deep Learning, Sequence Models, Convolutional Neural Networks, Hyperparameter tuning, Structuring ML Projects

Scientific Programming in C, MATLAB, python, and R

Have experience in implementing logistic regression model, Fast Fourier Transform and implementing various machine learning algorithms

Languages

Chinese (Cantonese) Native

Chinese (Mandarin) Fluent Did an internship in Beijing for 3 months

English Fluent Lived and studied in the UK for 8+ years

Japanese Proficient JLPT N1 scoring in the 96th percentile

Korean Intermediate Studied Korean at Yonsei University for a year

Selected Qualifications

Data Analytic for IFRS 9 compliance for an international medical aesthetic chain

- The challenge arises when we have to analyse data that has not previously been utilised for financial statement purposes such as customer details and sales data.
- Used R and python to analyse over 800,000 sales data across 3 years to build a forward-looking Expected Credit Loss Model.
- Used a Random Forest algorithm to discover 10 features that contributed the most in predicting for expected credit loss.
- Presented and explained our analysis on the expected credit loss and the consumption patterns to the stakeholders.

Business Transformation with Robotic Process Automation for a global bank

- Analysed their as-in business process of their HR, Finance, and IT departments and proposed an improvement using RPA, focusing on the new hire on-boarding, debt collection and proposal generation processes.
- Developed a framework that standardises the development, deployment and governance of the RPA robots, with the intention of speeding up the propagation of RPA to the branches of the bank in other countries.
- Developed RPA processes to production standards and provide a benefit analysis to highlight the reduced time and financial costs, elimination of human errors, and improved internal reporting.
- Translated Japanese technological documentations into English
- Successfully reduced over 3,200 man-hours per year for the bank through our RPA initiative.

Virtual Bank License Application for Financial Institutions

- Developed business plans and put together pitch decks used by our clients in their presentation to HKMA
- Organizing Meetings with Banks, vendors, and relevant authorities and negotiating with the stakeholders to align the goals and expectations of all parties.
- Compile all the required documents for the application including core banking system implementation plan, AML and KYC procedures, and IT security policies.

