

Issey Chua Tzong Shing

isseychua@gmail.com ,+65 8292 1739, [Linkedin](#), [Github](#)

Data Science and Machine Learning

Projects

- Built Heart Disease Classification and Housing Price Regression machine learning models on Kaggle.
- Applied python coding, exploratory data analysis, feature engineering and machine learning techniques on both classification and regression projects.

Licenses and certifications

- Intermediate Knowledge with Python, Scikit-Learn, Scipy, Pandas, Numpy, Jupyter, Basic knowledge with Bash, VS Code.
- Data Science with Python, DataCamp. [Credential ID 245095](#)
- Python For Everybody, University of Michigan, [Credential ID B26SVMRK53P7](#)

Professional Experience

Sports Trader, Singapore Pools, Singapore (July 2021- Present)

- Implemented quantitative methods to estimate buying patterns and pricing gaps.
- Researched on risk management to minimize variance in daily PnL.

Equity Trader, Phillip Capital, Singapore (July 2017 – June 2021)

- Managed an equity trading book focused on Singapore market specializing in banks, properties and REITs.
- Researched mainly on Singapore equities with day-to-day responsibility of minimizing company's risk exposure
- Developed unique execution strategies within specific risk management mandates.
- Well-versed with SGX market structures. i.e. Corporate actions, settlement cycles, exchanges' regulations and back office operations with regards to corporate actions.

Business Manager, Mat Hydro International, Lima Peru (July 2014 – June 2017)

Based in Wuhan and Lima, I was responsible for expanding client network and establishing full operational procedure in the South America market including market research, marketing, hiring, accounting and legal. Tasked to align South America office's direction with the Chinese company's intended growth strategy.

Research Engineer, Asahi Glass Company, Tokyo Japan (June 2012 – June 2014)

Based in Tokyo, I assisted in providing solutions to other factories in China and Nagoya, including gathering experimental data, analyzing research papers and collaborating with other teams.

Education and Professional Development

Nanyang Technological University, Mechanical Engineering, 2nd Upper (2012)