

## Contact

[www.linkedin.com/in/joshua-yim-wei-xiang-a12733181](https://www.linkedin.com/in/joshua-yim-wei-xiang-a12733181) (LinkedIn)

## Top Skills

R

Python (Programming Language)

SQL

## Languages

English (Full Professional)

Chinese (Elementary)

Malay (Limited Working)

## Certifications

Blockchain and Healthcare

Big Data with PySpark Track

AZ-900: Microsoft Azure Fundamentals

Introduction to Cloud Computing on Amazon AWS for Beginners

Intro to AI Ethics

## Honors-Awards

SPM Star Award

Taylor's College Merit Scholarship

Inaugural Statistical Modelling Scholarship

## Publications

Mathematical Modelling of COVID-19 Using Approximated Hyper-Singular Integral Based Chebyshev Polynomials of the Second Kind

# Joshua Yim Wei Xiang

Strategy & Transactions Associate at EY | Aspiring Data Scientist | Data Analytics | Applied Machine Learning | Cloud Computing  
Petaling Jaya

## Summary

Strategy and Transactions associate (Valuation, Modelling & Economics) at Ernst & Young. Graduated with a bachelors degree in Statistical Data Science at Heriot-Watt University Malaysia but always still eager to learn more about the world of data.

I am deeply passionate about visualizing data science solutions and solving non-conventional problems where machine learning methods were never utilized before. Excited to potentially be a part of the driving force that transforms the world into a tech savvy one.

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## Experience

EY

Associate - Strategy & Transactions

August 2021 - Present (5 months)

Kuala Lumpur, Federal Territory of Kuala Lumpur, Malaysia

Port Operation Optimization

- In collaboration with EY Singapore's Valuation, Modelling and Economics (VME) team, carried out statistical analysis on a major port in Malaysia with visualizations such as cumulative distribution functions and boxplots

- Created 2 machine learning models; a Random Forest Classifier and Random Forest Regression model to assist in decision making when suggesting a use case for the models in the client's day-to-day operations

Jetty Proposal

- Assisted in preparing a proposal to the public sector on the construction of a jetty along a famous coastal area in Malaysia

- Populated the proposal presentation deck with inputs from external consultants such as their contributions in the jetty construction especially during the planning & implementation phases

### Property Valuation Review

- Assisted on reviewing a valuation report performed by an external valuator on an industrial property in Malaysia
- Conducted market research on similar transactions within the locality of the valued property
- Prepared a draft on the internal memorandum of the valuation review

### Hong Leong Assurance Berhad

#### Product Development Intern

May 2020 - August 2020 (4 months)

Petaling Jaya, Selangor, Malaysia

Internship period of 3 months from 27th May 2020 to 27th August 2020

- Supported my colleagues in customer documentation checking (e.g. Product Disclosure Sheets, Sales Illustrations)
- Performed extensive research on competitors' products (e.g. similarities, strength of company's current products, etc)
- Carried out performance analysis on investment-linked funds directly affecting the performance of investment-linked insurance products

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## Education

### Heriot-Watt University

Statistical Data Science, Mathematics and Computer Science · (September 2018 - July 2021)

### Taylor's College

GCE A Levels · (January 2017 - June 2018)

### Sri KDU Sdn Bhd

Malaysia Certificate of Education (SPM) · (2012 - 2016)