Philip Qing An **Khor**

Data Scientist

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Summary

Data professional with a background in Economics and research experience in applied microeconometrics. Fluent in Python machine learning using scikit-learn and data wrangling with R using tidyverse packages.

Work Experience and Training

Data Scientist Intern   *Omote-sando, Tokyo*

GRID Inc.   *May 2019 - August 2019*

- Train real-time object detection and image segmentation models for use in agriculture using Yolov2, SSD and Mask R-CNN deep learning architectures with internally built framework.
- Delivered substantial improvement on performance of previously built internal model

Data Scientist Associate   *Bangsar South, Kuala Lumpur*

The Center of Applied Data Science   *July 2018 - May 2019*

- Delivered over 100 hours in training sessions for Microsoft Excel, R for Analytics, Tableau, Statistics and Data Storytelling
- Developing training products in the areas of statistics, exploratory analysis, data visualization and machine learning using spreadsheets, R, Python and Tableau delivered through tools such as Jupyter Notebooks and R Markdown, focusing on commercial applications of data science
- Module leader for Excel Analytics and Regression Modelling and Evaluation module
- Core developer of introductory and intermediate Statistics and R for Analytics modules
- Also involved in developing training material for Natural Language Processing, Neural Networks, Data Visualisation with Tableau, A/B/n Testing and Time Series Analytics and Forecasting modules

Data Scientist Trainee   *Bangsar South, Kuala Lumpur*

ASEAN Data Analytics eXchange   *Feb 2018 - June 2018*

- Data science finishing school for graduates covering R and Python programming modules, machine learning in scikit-learn, visualisation in ggplot2, seaborn, matplotlib and Tableau, forecasting in R and natural language processing in NLTK.

Projects

Family background and child health: the role of socioeconomic status and skills   *University of Wollongong*

Honours thesis   *2017*

- Econometric analysis of the relationship between parental income and child health status in Australia using two large longitudinal datasets.

Penang Skilled Workforce Study   *Penang Institute*

                                                                                                                          Aug 2017 - Jan 2017

- Identification of skill gaps and skill shortages in major Penang economic sectors through qualitative interviews and desk research.

Education

University of Wollongong *NSW, Australia*
Bachelor of Commerce (Honours) *2017*
- Received the 2017 Honours Scholarship from the Faculty of Business based on academic performance, research and leadership potential.
- Undertook a research project as part of coursework for Advanced Macroeconomic Theory (Health and wealth: economic growth with endogenous health and human capital.)

University of Wollongong *NSW, Australia*
Bachelor of Commerce (Dean's Scholar) *2014-2016*
- Admitted to the Dean's Scholar program in recognition of high academic achievement.
- Awarded the Business International Academic Merit Scholarship and the Undergraduate Excellence Scholarship in recognition of prior academic achievement.
- Awarded the Illawarra Regional Information Services John Steinke Prize in Economics (April 2017) for achieving the highest mark in 300-level Economics subjects in 2016.
- Awarded the Kenneth A. Blakey Prize (March 2015) for achieving the highest aggregate mark in Microeconomic Theory and Policy in 2014.
- Consistently placed in the Dean's Merit List (2014-2017), which ranks the top 5% of students in the Faculty of Business.

Tunku Abdul Rahman University College *George Town, Penang*
Diploma in Business Studies *2012-2014*
- Received the Merit Scholarship amounting to 100% of the tuition fees for the length of the program in recognition of prior academic performance
- Awarded Book Prize