

LIU HIN LOK, JOHN

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EDUCATION**The University of Sydney**

Sydney, Australia

Master of Information Technology (Specialized in Data Management and Analytics); WAM: 80**Expected Dec. 2021**

Graduate Certificate in Data Science; WAM: 84

June 2020

The Chinese University of Hong Kong

Hong Kong, China

Integrated Bachelor of Business Administration; GPA: 3.17/4.00

May 2017

- Concentration: Management Information System and General Finance
- Semester exchange at Washington University in St. Louis, United States in 2016
- Awards: Talent Development Scholarship (2014), Yasumoto International Exchange Scholarship (2015)

RELEVANT SKILLS

Skills	PyTorch, TensorFlow, PySpark, SQL, MongoDB, MS Azure (Machine Learning, Databricks), Django, Git
Courses	Coursework covering fundamentals of machine learning, deep learning, cloud computing, database management, data structures and algorithms.
Projects	User Pattern Recognition from IoT data using deep learning model (Capstone project); built foodpicker, a food recognition mobile app; built Real-time car park recommender (Sustainable Award in Coding Fest 2021), UNSW Aviation Data Science Competition 2021 (Best insight and Best Visualization Award)

WORK EXPERIENCE**The University of Sydney**

Sydney, Australia

Research Intern, "Winter Research Internship 2020"

Jul. 2020

- Built collection pipeline from Twitter REST API to collect stock related tweets for analysis
- Used NLTK and Gensim to perform sentimental analysis on 4 stocks in US Market

MTR Corporation Limited

Hong Kong, China

Project Executive; Global Innovation Department

2019 – 2020

- Managed a smart mobility POC that enhanced staff shuttle booking and journey experience leveraging new technologies, over 70% positive feedbacks from 200 staff
- Co-founded a corporate start-up named "Donut Bus" that used beacon technology and GPS tracking to offer real-time information to parents about children safety during their school bus journey

MTR Corporation (Crossrail) Limited

London, United Kingdom

Programme Manager; Programme Team

Sep. 2018 – Mar. 2019

- Arranged witnessing to the testing and commissioning phase of the Elizabeth Line Project
- Developed record system and dashboard using MS Excel for operating staff at 4 newly built train stations
- Negotiated with government and site contractors with regards to testing schedule

MTR Corporation Limited

Hong Kong, China

Graduate Trainee Programme

Jul. 2017 – Jul. 2019

- Rotated in 4 departments, i.e., Finance, Customer Experience, Railway Operation (London) and Corporate Strategy
- Involved in digital transformation of the corporate, Chatbot 2.0, Waiting Time Indicator using computer vision, MTR Mobile revamp, research and sourcing on property technology
- Organized 3+ volunteering activities for minorities and high school students

EXTRA-CURRICULUM ACTIVITIES

Member of Hong Kong Water Polo National Men's Team

Sep. 2010 – Apr. 2017

- Captain of Youth National Team in 2011-2012
- Attended multiple international competitions, e.g. Asian Games 2014, Asian Beach Games, 2014, Asian Swimming Championships 2016, Asia-Pacific Water Polo Tournament 2011 – 2019

Co-Director of Operations, Harvard Project for Asian and International Relations Asia 2016

Jan. 2016 – Aug. 2016

- Organized a 6-day international conference featuring 100+ notable speakers and 550+ elite university students from 60+ countries to discuss global issues
- Managed a team of 7 and oversaw 50+ international students to arrange venues, logistics, caterings, accommodations

INTEREST AND LANGUAGES

Languages Cantonese (Native) • English (TOEFL: 104) • Mandarin (Fluent) • Spanish (Elementary)

Interests Tech Innovations • Wine Tasting (WSET Level 2 certified) • Water Polo