

# TEO JIA YI, DOMINIC

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## EDUCATION

- The University of Chicago - Department of Computer Science & Harris School of Public Policy** Chicago, IL  
Masters of Science in Computational Analysis & Public Policy (MSCAPP) Aug 2021
- London School of Economics (LSE)** London, UK  
One year exchange program under the General Course Aug 2019
- Classes on Statistics, Data Analytics and Corporate Finance
  - Won 2nd place on Seeking Alpha's Top Stock Idea of 2019 competition
- Sciences Po - Paris Campus du Havre (France)** Le Havre, FR  
Bachelor in Social Sciences with a focus in Economics Aug 2019
- Honors: Cum Laude for the academic year 2016/17 and 2017/18
  - Captain of the University's Basketball and Volleyball teams; Co-founder of the Southeast Asian Club

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## PROFESSIONAL EXPERIENCES

- MUNICIPAL SERVICES OFFICE (MSO) - MINISTRY OF NATIONAL DEVELOPMENT (MND)**  
*Manager (Analytics)* Aug 20 - present
- CENTER FOR LIVEABLE CITIES (CLC)** Singapore  
*Data Researcher* Jul - Sep 20
- Led a Python based Machine Learning (ML) project in a team of 2 other interns to predict urban vibrancy in neighbourhoods based on various neighbourhood characteristics
- CHICAGO CITY COUNCIL** Chicago, IL  
*Deputy Policy and Economic Development Aide to Alderman Vasquez* Oct - Nov 19
- AIRHELP** Berlin, Germany  
*Market Research Consultant* Jul - Sep 19
- Produced a data-driven research report on the online travel industry including global industry practices and competitors which led to the company's new mobile app strategy
- AORA, SUBSIDIARY OF Y VENTURES** Singapore  
*Business Development Intern* Jul - Sep 18
- Conducted research and data analysis to formulate business decisions such as pricing models & website features
  - In charge of developing compliance policies (KYC & AML) for the company's Initial Coin Offering (ICO) while supporting preparation of company's investment pitch deck
- MINISTRY OF NATIONAL DEVELOPMENT (MND)** Singapore  
*Public Policy Research Intern at the Sino-Singapore Tianjin Eco-City Project Office* Jun - Sep 17
- Led 2 other interns in producing a briefing paper on public housing in the Eco-City emphasising areas of improvement based on analysis of public housing datasets

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## SKILLS

- Extensive professional and academic experience in **Python, R, SQL, Tableau** and **Qlik**
- Academic and project experience in:
  - o **Mobile App Development** (Swift - Xcode & Kotlin - Android Studio);
  - o **Big Data Architecture** (AWS EMR - Hadoop, Hive (HQL), Hbase, HDFS, MapReduce, Spark, Kafka);
  - o **Web Development** (HTML5, CSS3 & JavaScript/ES6 for front end-programming; server-side page rendering in Python; Database-driven application development REST; API development in Python & Flask; single-page application development in React) and

- o **Data Visualization** (ggplot, Seaborn & Altair packages in Python & D3)