

EDUCATION

- SINGAPORE MANAGEMENT UNIVERSITY** Aug 2021 - June 2022
 Master of Science in Computing
 - Attained SMU SCIS Local Fast-Track Scholarship – Awarded to 1 person for academic excellence
- Bachelor of Science (Information Systems)** Aug 2018 - May 2022
 - Honours: SUMMA CUM LAUDE, Cumulative GPA: 3.86 (out of 4)
 - Dean's List: AY 18/19 & 19/20
 - Attained SMU Aspirations Scholarship – Awarded to 100 students based on good academic performance and character record
- SINGAPORE POLYTECHNIC** Mar 2013 - Mar 2016
 Diploma in Biomedical Science
 - Cumulative GPA: 3.845 (out of 4)

WORK EXPERIENCE

- SINGTEL** *Data Engineering (SHINE) Intern* May 2021 - Aug 2021
 - Coordinated and led my team to 2nd Runners up in Singtel's Lit Challenge.
 - Increased workflow efficiency by 20% by automating data migration from HDFS to Ceph.
 - Enriched user experience by automating the removal of all terminated pods within the Kubernetes cluster.
- SENTIENT.IO** *Science Intern* Feb 2021 - Apr 2021
 - Streamlined workflow by 30% by developing a Jenkins pipeline on Google Cloud.
 - Enhanced efficiency by deploying a Google Sheets script to automatically trigger downstream Jenkins jobs.
- MONETARY AUTHORITY OF SINGAPORE** *Data Analytics & Engineering Intern* Jun 2020 - Jan 2021
 - Improved workflow efficiency by 70% by developing Natural Language Processing scripts to automatically perform certain tasks.
 - Ensured smooth and efficient knowledge transfer by writing documentation.
 - Contributed to the Django Project by developing Topic Modelling features and unit tests
- SINGAPORE MANAGEMENT UNIVERSITY** *Research Assistant - Social Analytics Project* Jan 2020 - May 2020
 - Accelerated data collection by 100% by developing web scraping scripts using Scrapy.
 - Performed data processing and warehousing on MongoDB for future network and sentiment analysis.
- SINGAPORE MANAGEMENT UNIVERSITY** *Teaching Assistant* Jan 2020 - Current
 - Coached and provided consultation sessions for more than 160 students on coursework in Computational Thinking and Analytics Foundation concepts.
- LIVING ANALYTICS RESEARCH CENTRE** *Research Assistant* Apr 2019 - Jul 2019
 - Refined Data retrieval by developing API endpoints to retrieve and process data from MySQL database.
- SINGAPORE MANAGEMENT UNIVERSITY LIBRARY** *Student Helper* Oct 2018 - Current
 - Served over 80 patrons over a daily basis and fulfilled their enquires with 100% accuracy.
 - Successfully organised and emceed a bonding session between the library staff and student library assistants

SKILLS & ACCOMPLISHMENTS

- SKILLS**
 - Programming Languages: Python, R, Java, Javascript, PHP
 - Database: SQL (MySQL & PostgreSQL), NoSQL (MongoDB)
 - Others: AWS, GCP, React, Vue, Jenkins, Docker, Helm Charts, Git, Apache Spark
- ACCOMPLISHMENTS**
 - Attained Java Foundations cert (IZO-811)
 - Project Leader – Project Rebuild III
 - 1st Runners up - AWS Build On ASEAN 2021
 - Top 4 & Best Innovate idea - Citi HackOverflow 2021
 - 1st & Best Architecture - SMU SIS Goldman Sachs AWS Hackathon 2020