AUTUMN TEO

SMU

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🎓 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 & Eningeering 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 UNIVERISTY 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 (IZ0-811)
- Project Leader – Project Rebuild III
- SMU Aspirations Scholarship
- SMU SCIS Local Fast-Track Scholarship