

STEFFI LIM EN QI

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EDUCATION

National University of Singapore **Aug 2021 - Present**
Bachelor of Science in Business Analytics

- Expected Date of Graduation: May 2025

Catholic Junior College **Jan 2019 - May 2020**
H2 Physics, Mathematics, Economics, H1 Chemistry

- A-Level Rank Points - 87.5/90

WORK EXPERIENCE

Data Analyst Intern, Land Transport Authority, Singapore **May 2023 - Present**

- Analysed rider ship of new Thomson East Coast Line (TEL) after its phase 3 opening.
- Utilized programming languages such as Python and SQL to clean and process large datasets such as farecards detailing commuter travel, bus, and LRT data.
- Created a Tableau dashboard to visualize impact of TEL phase 3 opening on commuters' travel behaviour and contributed valuable insights in its effectiveness.

Dental Assistant and Receptionist, Dr Seah Root Canal + Implant Surgical Clinic, Singapore **May 2022 - Feb 2023**

- Demonstrated proficiency in taking x-rays, introducing patients to doctor, and providing chairside assistance during procedures, with an average of 12 patient procedures per day.
- Upheld regular sanitation of dental equipment and work areas, including sterilization of all reusable dental instruments, resulting in a 100% compliance rate with clinic policies and procedures.
- Scheduled an average of 20 patient appointments per day resolving inquiries and providing directions, receiving positive feedback from patients in 90% of cases.

Private Tutor, Mathematics GCE A-Level, Singapore **Dec 2020 - Dec 2022**

- Developed customized lesson plans and exercises tailored to each student's learning style and ability, resulting in a 20% increase in grades.
- Utilized various teaching strategies, such as visual aids, real-world examples, and problem-solving activities, to engage and motivate students, resulting in a 90% retention rate.
- Conducted one-on-one tutoring sessions weekly, resulting in a 20% increase in students' understanding and comprehension of Vectors, Calculus, and Statistics concepts.

PROJECT EXPERIENCE

BT2103, Credit Risk Modelling in R using Machine Learning **Apr 2023**

- Designed a machine learning project using Credit Risk dataset from UCI Repository in R Studio.

- Leveraged classification algorithms such as Linear Regression, Support Vector Machine (SVM), Random Forest, and Neural Networks to classify credit card clients' risk of payment default.

BT2102, Data Visualisation and Storytelling

Nov 2022

- Designed dashboards using Tableau to present a data story using Powerpoint.
- Presented to a simulated target audience of investors looking to invest in properties in Melbourne to deliver valuable insights and help make informed decisions.

EXTRA-CURRICULAR ACTIVITIES

Section Leader, Temasek Hall Vox Choir Group, Singapore

Aug 2021 - May 2022

- Conducted and led sectionals with the Alto group of up to 10 people.
- Implemented innovative and effective warm-up techniques resulting in a 30% improvement in section mates' singing technique mastery.
- Reviewed and assessed team members' progress and comprehension, modifying teaching methods to improve team performance and achieve mastery of scores.
- Partnered with the Publicity Team to devise and execute marketing strategies for yearly performance, resulting in a 25% increase in ticket sales compared to previous year.

Event Coordinator, Local Service Learning Project (LSLP), Singapore

Jun 2019 - Jan 2020

- Directed a team of five committee members to plan and execute Exchange Day to foster community and camaraderie between SAMH participants and students.
- Cooperated with LSLP members to procure game materials and refreshments for Exchange Day, staying within an allocated budget of \$200 and achieving a 100% completion rate of all procurement tasks.
- Partnered with the Head of SAMH to plan and conduct confidence-building games and activities and received a 90% satisfaction rate from participants.

ADDITIONAL INFORMATION

- Languages: English (Fluent), Mandarin (Fluent).
- IT Skills: Python, Java, JavaScript, SQL, R, Tableau, HTML, CSS, MongoDB, Word, Excel, PowerPoint.
- Relevant Coursework: Object Oriented Programming, Functional Programming/ Econometrics Modelling for Business Analytics/ Data Visualization, and Management/ Business Concepts and Metrics for Financial and Marketing Analytics.