

Louis Mineo

[PERSONAL ADDRESS REDACTED] | +65 98253933 | louismineo@gmail.com

Summary

- Current Computer Science undergraduate student with prior experience in Finance and Analytics, keen on applying his skill sets to learn more beyond his domain and create solutions.

Education

BACHELOR OF SCIENCE | SINGAPORE INSTITUTE OF TECHNOLOGY **AUGUST 2021 – PRESENT**

- Bachelor of Science with Honours in Computer Science in Real-Time Interactive Simulations

DIPLOMA | SINGAPORE POLYTECHNIC **APRIL 2016 – APRIL 2019**

- Diploma in Financial Informatics

DIPLOMA PLUS | SINGAPORE POLYTECHNIC **OCTOBER 2016 – AUGUST 2018**

- Certificate in Software Programming and Applications

Skills & Abilities

TECHNOLOGY AND SOFTWARE KNOWLEDGE

- Highly Proficient in C and C++, with a focus on code optimization methodologies.
- Highly Proficient in Tableau.
- Proficient in Python, R, SQL, Microsoft Visual Basic for Applications (Excel VBA).
- Proficient in Microsoft Office Applications (Word, PowerPoint, Excel).
- Knowledgeable in Microsoft Access and Salesforce.
- Fundamental knowledge in Google Analytics.

COMMUNICATION

- Proficient in English (Spoken & Written)
- Able to converse in Mandarin / Chinese (Spoken)

LEADERSHIP

- Vice President of DFI Chapters
 - Tasked with organizing course centric events.
 - Freshman Orientation Program and Course Bonding Day.
 - Managing manpower and delegating tasks to members.
 - Collaborated with other courses for events.

Projects

SOFTWARE ENGINEERING PROJECTS

- Created custom 2D & 3D C++ Game Engines within a team of undergraduates from different disciplines, while managing a tight time frame of 8 months for each game engine.
- Personally focused on graphical rendering libraries, UI/UX implementations and audio frameworks.

VARIOUS PYTHON PROJECTS

- Undertook several personal pet projects using python, prior to starting undergraduate studies.
- Focused on automation and web scraping.
- Projects are available for preview on <https://louismineo.github.io/>

ASEAN DATA SCIENCE EXPLORERS 2018

- Generated data-driven Visualizations with SAP, to solve underlying issues that every country in ASEAN can help and benefit in union.
- Finished 2nd for the National Qualifiers.

DATA ANALYTICS

- Utilized Tableau to convert raw data into useful business insights, as well as applied excel skills and programming skills to help provide business solutions for Liqui Moly.
- Utilized Microsoft Excel to create dashboards for a business case, applying Excel VBA programming to smoothen the process.
- Used Windows Visual Basic Application to create a program in Excel, as well creating macros for added efficiency in Excel.
- Learned Tableau visualizations and making of dashboards for added business intelligence.
- As well as using R to give data driven insights for a business case.

Working Experiences

3RD SERGEANT | SINGAPORE ARMED FORCES

OCTOBER 2019 - AUGUST 2021

- Managed a team of subordinates to maintain the day-to-day weaponry requirements of the unit.
- Organized weekly operational safety meetings and sharings by various members of the unit.

DIGITAL ANALYTICS ASSISTANT | AXA INSURANCE SINGAPORE

FEBRUARY 2017 - JULY 2019

- Generating high-level Dashboards that are utilized day-to-day by employees of all departments.
- Teaching and onboarding of Interns
- Designing scripts to automate time-consuming data extraction.
- Analyze report findings and reporting insights to manager about results of certain A/B tests.

DIGITAL ANALYTICS INTERN | AXA INSURANCE SINGAPORE**SEPTEMBER 2017 - JUNE 2019**

- Tasked to generate Dashboards that are specifically aimed to track digital marketing performance and efforts, as well as the performance of digital insurance products sold on site.
- Design and maintain dashboards and reports which provide actionable insights that help our internal stakeholders make important business decisions.
- Implemented new processes to help manipulate, process, alter, recalculate given data as a workaround to utilize data to create even more complex calculations and visualizations that are limited by legacy software. (i.e: R Scripts)
- Analyze and quality-check data to uncover trends and correlations impacting the effectiveness of digital efforts from short term advertising partnerships to new marketing campaigns and website redesigns.

ACHIEVEMENTS**OUTSTANDING SOLDIER AWARD 2021****SINGAPORE ARMED FORCES****(24TH BATTALION SINGAPORE ARTILLERY)****JULY 2021****CERTIFICATE OF FIRST RUNNER UP****ASEAN FOUNDATION****(ASEAN DATA SCIENCE EXPLORERS 2018)****SEPTEMBER 2018****CERTIFICATE OF SERVICE, VICE-PRESIDENT****DFI CHAPTERS, SINGAPORE POLYTECHNIC****JUNE 2017 - JUNE 2018****References**

Mr Tan Horng-Ping, Ryan
Senior Lecturer
Singapore Polytechnic
96874181
tan_horng_ping@sp.edu.sg

Miss Evangeline Tan
Manager, Digital Commerce
HSBC Insurance Singapore
91798329
evangeline_tan@axa.com.sg