

SIA ZHONG QING

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PROFILE SUMMARY

A critical thinker, an avid environmentalist and enjoys problem solving. Able to work well in a team and self-direct learning. Looking to channel computational experience as an intern to make a sustainable impact.

EDUCATION

National University of Singapore

Aug 2022 - Aug 2026

Bachelor of Computing in Computer Science

- Enrolled in Honours Programme: NUS College (previously known as University Scholars Programme). Pursuing a minor in Physical and Climate Science.
- Related Coursework: Programming Methodology | Thinking with Writing

St Joseph's Institution

Jan 2018 - Dec 2019

International Baccalaureate Programme (IB)

- Scored 44 out of 45 points.
- Self learned Geographic Information Systems in order to identify improper distribution of healthcare clinics in Clementi using Nearest Neighbour Analysis.
- Founded the Ukulele Club as the Chairperson, led planning and execution of weekly lessons, wrote student feedback and booking of facilities.
- Led venture scouting unit as Vice-Chairperson in planning of ad-hoc activities and spearheaded Annual Report 2019.

EXPERIENCE

Part-time Staff, OYEYO Climbing Gym, Singapore

Nov 2021 - Jul 2022

- Taught introductory classes to climbers and assisted in monthly route-setting of gym.

Student Intern, National Environment Agency (NEA), Singapore

Jan 2022 - Jun 2022

- Produced a database of all NEA—US entity collaborations based on sustainability initiatives published from 168 sustainability reports from US companies. Presented suggestions for future international partnerships to Deputy Director, Cluster Development Department.
- Corresponded with other 7-8 other internal departments to gather information on existing partnerships
- Built a 4-page interactive dashboard of the NEA Productivity Services Grant using Qlik Sense (data analytics software). Composed a manual for department to learn Qlik Sense to ensure sustainability of dashboard.
- Leveraged application data (3,600 in total and manually cleaned) to develop and code interactive charts comparing performance indicators, eg. Average and maximum pricing of vendor quotations, applicant profiles and projected/actual expenditure.
- Remodelled department's information database of over 1,000 files through implementation of a Knowledge Management Framework. Developed standard naming conventions for all working files and audit responses for efficient retrieval of information.
- Modelled an industry ecosystem diagram to describe related stakeholders in 1,700 company strong Environmental Services to assist NEA's outreach efforts in technology sharing webinars.
- Documented over 5 weeks of Partnership meetings leading up to the Clean-Enviro Summit Singapore 2022 in April, and approved by department to attend sustainability event.

TECHNICAL SKILLS AND PROFESSIONAL CERTIFICATIONS

- GRI Sustainability Reporting Course (Paia Consulting)
- Programming Languages: JavaScript | Python (Codecademy)
- Data-related: QlikSense | ArcGIS | Microsoft Office Suite
- Languages: English | Chinese | French (Basic)