

GABRIEL GOH

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EDUCATION

SINGAPORE MANAGEMENT UNIVERSITY

Aug 2022 – May 2026

Bachelor of Science (Information Systems)

(expected)

- Cumulative GPA: 3.74/4.00, Magna Cum Laude
- Deans List in all applicable academic years

EUNOIA JUNIOR COLLEGE

Singapore-Cambridge GCE A-Level

Jan 2018 – Dec 2019

H2 Physics, H2 Chemistry, H2 Math, and H2 Economics

RELEVANT COURSEWORK

- Introduction to Programming (A+) – Introduction to basic programming concepts with Python
- Web Application Development I (A+) – Backend web development with PHP and MYSQL for relational database
- Web Application Development II (A+) – Frontend web development with HTML/CSS, utilising Bootstrap and Vue
- Computational Thinking (A+) – Basic data structures & algorithms, e.g. approximation algorithms for NP-hard problems

EXPERIENCE

SMU SCHOOL OF COMPUTING AND INFORMATION SYSTEMS

Jan 2023 – Dec 2023

Teaching Assistant for COR-IS1702 and IS111

- Reinforced students' understanding of Python foundations by giving detailed feedback on weekly lab work
- Answered student questions on algorithms and data structures, linking and breaking down relevant resources

PROJECTS

Lifting Spirits Web App

Oct 2023 – Nov 2023

- Utilised Firestore for the database and Vue for the frontend with Vue router for dynamic route matches, and SCSS for styling
- Included functionality for users to create their own drink entries and to locate nearby shops

Dewey @ Generate your L(AI)brary Hackathon

Aug 2023

- Led a team in improving user experience in library research by designing a frontend with Google Apps Script for recommending papers contextualised to a working document
- Utilised Large Language Models in conjunction with library APIs with a Flask backend
- Received an honourable mention for a Top 5 finish

ESG DaSH @ CDL-GCNS Young SDG Leaders Award

Feb 2022 – Jul 2022

- Created an innovative ESG solution by working with CGS-CIMB to promote consideration of ESG factors in investment
- Developed a prototype for an ESG dashboard to show sustainability metrics and ranking, and to integrate ESG data directly into the user experience of investors using CGS-CIMB's investment platform
- Finalist for the CDL-GCNS Young SDG Leaders Award

CO-CURRICULAR ACTIVITIES

Events Director, SMU Chinese Orchestra

Jan 2023 – Dec 2023

- Organised both small- and large-scale productions for the orchestra, including the club's annual production involving approximately 70 musicians and community facing gigs with Lions Befrienders
- Coordinated Chinese New Year celebrations with Frasers at their Centrepont and Waterway Point malls
- Spearheaded the first instance of the club's Freshmen Induction Camp by planning games to welcome new club members and promote cohesion within the club

TECHNICAL SKILLS

Programming / Scripting / Markup Languages: Python, Javascript, HTML/CSS, C++, SQL, PHP

Tools: Jira, Git

Technologies and frameworks: Node, Express, Flask, Vue, Svelte, Docker, Github, Figma

VOLUNTEERING EXPERIENCE

Cycling Without Age

Sep 2022 – May 2023

- Interacted with elderly folk to bring them outdoor experiences through piloting trishaw rides
- Set up and ran VR experiences for the beneficiaries

ADDITIONAL INFORMATION

Languages: Effectively bilingual in English and Mandarin, and a beginner in French

Hobbies: Tetris; bouldering; reading; playing the piano, clarinet, bass guitar, sheng and suona; puzzle games

AVAILABILITY

Available Periods: May - Aug 2024