

CHEW YI XIN

yixin.chew.2020@scis.smu.edu.sg • +65 9114 5012
[linkedin.com/in/chewyixin](https://www.linkedin.com/in/chewyixin) • github.com/chewyixin99

EDUCATION**SINGAPORE MANAGEMENT UNIVERSITY****Bachelor of Science, Information Systems, IS Major****GPA:** 3.84/4.0 (Summa Cum Laude, with Highest Distinction)**Aug 2020 – May 2024**

(expected)

EXPERIENCE**Government Technology Agency (GOVTECH)****May 2022 – Aug 2022****Software Engineering Intern**

- **Division:** Government Digital Services (GDS) - Engineering Productivity (ENP)
- Worked on Documentation Portal (docs.developer.tech.gov.sg) by enhancing SEO through code, fixing bugs, and end-to-end tracing.
 - Worked with external libraries (Docsify) to enhance SEO through code, by revamping the Documentation Portal and patching the library to fit our use-case and be backwards compatible, allowing Googlebot to index and crawl (~1200% increase) links on the site.
 - Researched on, and worked with OpenTelemetry and Elastic to help with implementing end-to-end tracing and logging.
- **Stack:** Express JS · Vue JS · Handlebars.js · Typescript · Jest (Testing) · OpenTelemetry (Tracing) · Elastic · AWS · Docker

Quest-Inc**Aug 2021 – Dec 2021****Software Engineering Intern**

- Cross-platform Mobile application development.
- Wrote clean and maintainable code to fix bugs, and implement new features that were released to production
 - Integrated the transaction process into a single page within the chat to smoothen the experience of the users, where previously they had to navigate through the app to two different pages to obtain information.
 - Worked on the front-end by revamping the design and layout of each card on the homepage.
- **Stack:** Flutter · Dart · JavaScript · Firebase

Singapore Management University**Teaching Assistant**

- IS215 Digital Business Technology and Transformation **Jan 2023 – Apr 2023**
- IS113 Web Application Development I (HTML, PHP, MySQL) **Jan 2022 – Apr 2022**
- COR-IS1702 Computational Thinking (Python, Data Structures & Algorithms) **Aug 2021 – Nov 2021**
- COR2100 Economics and Society **Jan 2021 – Apr 2021**

SKILLS & INTERESTS

- **Programming languages:** Java · Python · Dart · PHP · HTML · CSS · JavaScript · TypeScript · MySQL · Firebase
- **Frameworks:** Spring Boot · Flask · Flutter · Bootstrap · Tailwind CSS · Vue JS · React JS · Express JS · Next JS
- **Tools:** Git · Docker · Figma · Selenium · AWS · Jest
- **Language:** Effectively bilingual in English and Mandarin

CO-CURRICULAR ACTIVITIES**SMU .Hack****Oct 2020 – Present**

- Participated in student-led workshops to gain exposure and build up proficiency in tech-related fields.
- Built simple projects from scratch such as programming a Telegram Bot, or building a personal website (GitHub).

SMU Judo**Aug 2020 – Present**

- Attend trainings regularly to represent the school for competitions.

ACADEMIC ACHIEVEMENTS**Achievements and Relevant Coursework**

- Hackwagon, DS102 (Data Analytics with Python), Distinction
 - Oracle Certified Foundations Associate, Java
- Performance for relevant modules:

<u>Module</u>	<u>Skills</u>	<u>Grade</u>
• IS 442 Object Oriented Programming	Java, Spring Boot, Vue JS	A
• IS 217 Analytics Foundation	Python analytics libraries	A
• IS 216 Web Application Development II	Vue.JS, CSS, Firebase, Bootstrap	A
• IS 215 Digital Business Technology & Transformation	Digital Transformation, Python, Figma	A
• IS 213 Enterprise Solution Development	Flask, Kong, RabbitMQ, Docker	A
• IS 212 Software Project Management	Agile & Scrum (Jira), React, Flask	A
• IS 211 Interaction Design and Prototyping	Wireframing, Figma	A-
• IS 210 Business Process Analysis & Solutioning	Business Modelling	A
• COR-IS 1702 Computational Thinking	Data Structures & Algorithms, Python	A+

•	IS 113 Web Application Development I	HTML, PHP, MySQL	A+
•	IS 112 Data Management	Data Modelling, MySQL	A-
•	IS 111 Introduction to Programming	Python	A+
•	IS 110 Information Systems & Innovation	Business Case Analysis	A+
•	COR 1305 Spreadsheet Modelling and Analytics	Microsoft Excel	A+