Ong Zen Yu

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Hello World! I'm Zen Yu, a Sophomore at Singapore Management University undergoing an undergraduate Bachelor of Science, Information System programme. I am always on the lookout for avenues to apply and reinforce the knowledge that I gain. Currently, I am looking for full-time internship opportunities during the summer from May to August and part-time opportunities from August to December.

SKILLS & LANGUAGES

- Python
- HTML
- CSS
- Docker
- Git
- Mandarin

- JavaScript
- Microsoft Excel
- PHP
- Node.js
- Bootstrap
- Bahasa

- SQL
- Vue.js
- Flask
- Figma
- English
- Japanese

EDUCATION

Graduating 04/2024	**Bachelor of Science (Information Systems)**, Singapore Management University (SMU)
Graduated 06/2019	**International Baccalaureate (IB) Diploma Programme**, Fairview International School Kuala Lumpur (FISKL)
Graduated 09/2017	**International Baccalaureate (IB) Middle Year Programme**, Fairview International School Kuala Lumpur (FISKL)

ACTIVITIES

02/2022 (Ongoing) — **Coder's Assembly Mentorship Program Mentor**, Singapore Management University

- Mentoring a group of juniors in web development
- Initiating weekly consultation sessions throughout the academic semester
- Reinforcing junior's confidence in programming

3/19/2022 — **Elipsis Data Management Workshop Teaching Assistant**, Singapore Management University

- Facilitated SQL workshop hosted by SCIS Constituent Student Body Ellipsis in to prepare students for SQL lab test

12/2020 – 12/2021	**Events Director Gourmet Club**, Singapore Management University

- Liaised with external vendors and SMU Constituent Student Body
- Evaluated event plans hosted by previous executive committee to identify potential areas of improvement
- Managed administrative logistics of events planning, including fee collection, bulk purchase orders and event promotions

01/2018 – 01/2019	**Finance Director Fairview's Got Talent**, Fairview International School KL

- Managed event's cash flow and budgeting
- Procured funding opportunities through fundraisers and sponsors
- Raised over RM 2,000 in donations for Make-A-Wish Malaysia

PROJECT EXPERIENCE

08/2021- 12/2021	**Industry Partnership Project**, Singapore Management University

- Spearheaded a project in collaboration with LDR Technology Pte Ltd to advertise IPLUS Locomole App, promote Singapore tourism and persuade Singaporeans to donate unused SRVs to The Boy's Brigade
- Garnered over **2,300 views** and **148** interactions from users
- Managed communications between client, team members and school

08/2021 – 12/2021	**Web Development Project**, Singapore Management University

- Designed UI/UX interface on **Figma**
- Developed front-end using **HTML**, **CSS, Vue.js**, and **Bootstrap 5.0**
- Developed back-end using **JavaScript**, **PHP**, and **SQL**
- Deployed website on 000webhost

08/2021 – 12/2021	**Web Based Application Project**, Singapore Management University

- Service Oriented Architecture style development using **Flask and Node.js**
- Containerization of microservices using **Docker**
- Applied AMQP messaging for message-based communication between microservices through **RabbitMQ**
- Development of simple front-end UI using **HTML/Bootstrap**

08/2018 – 02/2019	**Business Management Research Paper**, Fairview International School

- Examined large-scale companies' employee motivation strategies using motivation theories
- Analyzed effectiveness of said strategies through analysis of companies' financials