

Jowett Chng Kai Cheng

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EDUCATION

Singapore Management University

Bachelor's Degree in Information Systems

Dean's list For Academic Year x3

- Awarded Aspiration Scholarship
- Accumulative GPA: First-class Honors

Singapore Management University

Master's Degree in Science of Computing

- Awarded Fast Track Scholarship

Singapore
2020– 2023

Singapore
2022– 2024

EXPERIENCE

GIC

Software Engineer Intern

- Full Stack Development

Singapore
08/2022– Present

BNY Mellon

Full Stack Engineer Intern

- Develop Frontend using Angular, ensuring a user-friendly and intuitive interface for content creation.
- Develop Backend using FASTAPI, providing a robust and efficient integration with generative AI module

Singapore
06/2023– 08/2022

Shopee

Technical Project Manager Intern

- Oversaw the delivery of 5 critical data infrastructure projects and 20 release versions, enabling data-driven decision making
- Spearheaded an innovative initiative that utilized data analytics to conduct comprehensive quality checks across various projects within Shopee's ecosystem

Singapore
08/2022– 01/2023

Dell Technologies

Cloud Native Architect and Developer Intern

- Drive resilient, enterprise-grade software development at startup speed.
- Developed cost metrics to accurately estimate the cost of applications and micro services running in Tanzu Application Service, resulting in a 20% reduction in overall costs in future planning.
- Logging analytics to derive metrics of application such as usage, memory size, disk size and CPU usage for ease of evaluation of infrastructure.

Singapore
06/2022– 08/2022

WebbricksSG Solutions

Software Engineer, Founder

- Assist digital transformation of start-ups/SMEs, resulting up to 200% increase in sales by developing innovation solutions and automation
- Designed system architecture and managed projects from end-to-end, utilized agile software development methodologies to ensure timely and effective delivery of solutions.

Singapore
08/2020– 10/2022

Fidor Bank

Software Engineer Intern

- Developed several modules of Banking API in sandbox environment with strong consideration of data security with the usage of Auth 2.0
- Identify gaps between current solution General and EU standards, General Data Protection Regulation (GDPR) and Payment Services Directive 2 (PSD2)

Munich, Germany
10/2017– 03/2018

CERTIFICATIONS

- | | | |
|---|----------------------------------|---|
| • Cloud Practitioner – Amazon Web Service | • Google Data Analytics – Google | • Frontend Web UI Frameworks and Tools - The Hong Kong University of Science and Technology |
| • Solution Architect– Amazon Web Service | • Google UX Design – Google | |
| • Java Foundation – Oracle | | |

CO-CURRICULAR ACTIVITIES (Leadership Roles & Competitions)

Business Intelligence Analytics

Head Of Professional Development

- Led the development and implementation of the company's flagship program, the Data Associate Program, resulting in increased engagement and success among participants.
- Fostered strong relationships with external partners and stakeholders through effective communication and collaboration, ensuring successful outcomes for all parties involved.

SMU
2022 – Present

Google Student Development Club

Technology Associate

SMU
2021 – 2022

- Facilitate a variety of development workshops focused on essential cloud platforms, equipping participants with practical skills and knowledge to apply on the Job

COMPETITIONS

- Grab – Hackforgood 2022 (**Top 5**)
- VMware Tanzu Award 2022 (**Top 3**)
- Dell & SCDF Lifesavers innovation (**1st place & Best Cloud Native award**)
- Dell Technologies CNA 2023 (**2nd**)
- Ninja Van Code Dojo 2023 (**Top 10**)
- Mentor For Data Associate Program SMU (**1st Place**)

Skills

- Hard Skills
 - Language – Javascript, NodeJS, Java, Python, CSS, HTML, C#, mySQL, .Net
 - Framework – ReactJS, VueJS, Angular, Flask, Pytest, Object Oriented Programming, SqlAlchemy
 - Cloud & Tools – AWS, GCP, Heroku, PythonAnywhere, Docker, Kubernetes