

Alvin Ng Wei Sing

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Passionate Computer Science undergraduate with experience in software development and automation. Proven leader with strong interpersonal skills, self-motivated and driven individual who enjoys learning.

Education

Singapore University of Technology and Design	09/2024-05/2028 (Expected)
Bachelor of Engineering (Computer Science and Design)	GPA: NA/5.0
SUTD Global Distinguished Scholarship	

Work Experience

MLS Logistic Services	05/2024-08/2024
Project Engineer Intern	

- Revamped a program for invoice processing that improved worker productivity by 20x
- Enhanced inventory accounting processes to remove need for time consuming, low skill tasks, increasing efficiency
- Created an internal feedback system which automatically notifies any relevant personnel, reducing operational gaps

Singapore University of Technology and Design	01/2024-06/2024
Undergraduate Researcher (Faculty of Information Systems Technology and Design)	

- Spearheaded development of a Python package that provides context-based hints, reducing learning curve for students
- Created a VSCode Extension using NodeJS to enhance the user interface for beginners

Professional Certificates

Data Analytics Specialisation, Google	2024
• Google Big Query, SQL, R, Tableau	
CS50's Introduction to Artificial Intelligence, Harvard University	2024
• Python, Tensorflow, Natural Language Toolkit	
CS50's Introduction to Computer Science, Harvard University	2023
• C, Python, SQL, Javascript, HTML/CSS	

Leadership Experience

Orientation Committee, SUTD ROOT Student Government	2024
• Involved in planning for Early Matriculation @ Spring and Early Matriculation @ Summer welcome days in 2025, as well as Orientation 2025	

Project Leader, Singapore Armed Forces School Partnership Programme	2023
• Managed the company's engagement with over 1000 students, awarded the Commanding Officer Excellence Award	
• Organised the efforts of 50 servicemen to host 4 activities, generating interest in our work and equipment	

Awards & Accomplishments

Commanding Officer Excellence Award	2023
Edusave Certificate of Academic Achievement	2018, 2020, 2021
ASRJC Outstanding Contribution Award	2021
ASRJC Alpha Scholars Programme Certificate of Accomplishment	2021

Extra-Curricula Experience

SUTD IEEE CodeChamps	11/2024
• Ranked 8th overall in C++ competitive programming segment	

Singapore AI CTF by GovTech	10/2024
• Ranked 20th in Open category, completing 7/11 challenges	
• Completed challenges in exploiting artificial intelligence and overcoming security features	

SUTD Mindsports Game Jam	10/2024
• Awarded the Most Ambitious award in Novice category	
• Created a game that had 3 minigames and 1 boss battle, including dialogue and storyline	