

## OVERVIEW

I am a Junior Computer Science Undergraduate from UC Berkeley under Concurrent Enrolment. I am also a Singapore Industry Scholar (Sgis) recipient under **Micron Semiconductor Asia Operations Pte Ltd**. I enjoy applying programming, engineering domain knowledge and business expertise to solve issues and create impact that's greater than myself. I am looking for an internship opportunity from May to Aug 2026.

## EDUCATION

<b>Nanyang Technological University, Singapore</b> <b>Bachelor of Engineering Science (Specialisation in Computer Science)</b> , CGPA: 4.58/5.00	Aug 2023 - Nov 2027
• Relevant Coursework: Data Structures and Algorithms, Object-Oriented Programming, Software Engineering, Operating Systems, Databases	

  

<b>University of California, Berkeley</b> <b>Computer Science</b> , CGPA: 3.67/4.00	Aug 2025 - May 2026
• Relevant Coursework: Machine Learning, Artificial Intelligence, Computer Architecture	

## EXPERIENCE

<b>Home Team Science &amp; Technology Agency</b> <b>Robotics &amp; Machine Learning Intern</b>	Jan 2025 – Jul 2025
• Designed and implemented a ROS2 Python workspace that took video footage and depth data and user prompts, and outputted robotic movements using an Interbotix PX100 robot with reference to RoboPoint	
• Documented advantages and shortcomings of various research papers (RoboPoint vs OpenFlamingo vs NVILA), ROS2 versions (Humble vs Jazzy), open-source models (LLaMA vs Vicuna vs Qwen) and training methods (Streaming vs Offline Training) in above use case	
• Created and maintained ROS2 Humble Workspace on Ubuntu 22.04 using Docker Images	
<b>Jalan Journey</b> <b>Project and Administrative Associate</b>	Mar 2023 - Aug 2024
• Oversaw accounting and daily operational activities, including business development and logistics management	
• Spearheaded projects and liaised with third-party vendors, impacting 1000 students across multiple countries	
<b>Self-initiated Projects</b>	
• Created a Personal Portfolio website using Next.JS framework, and deployed using Vercel	
• Created an Icebreaker website using Next.JS framework and Supabase, and deployed using Vercel	
• Demonstrated User Authentication using Supabase Auth	

## AWARDS AND ACHIEVEMENTS

<b>First Runner-up in HacX!: Hack for Public Safety</b>	
• Prototyped a device aimed at minimising property damage on window railings during rescue missions from height performed by the SCDF DART team	

<b>CO-CURRICULAR ACTIVITIES</b>	
<b>REClub</b>	Jul 2024 - May 2025
<b>Head of Social Welfare</b>	
• Pioneered mentoring initiatives for freshmen, benefitting 100 students	
• Oversaw operations of Social Welfare Club, including handling administrative matters, communicating with third-party vendors, organising multiple community events and kick-starting welfare initiatives for 200 students	
<b>Thrive Social Consulting</b>	Jan 2025 - Apr 2025
<b>Deputy Project Leader</b>	
• Worked with Project Leader to manage a team of 6 on a consulting project with an external non-profit organization	
• Relevant Skills included Communication, Team Management and Conflict Management	

## SKILLS

Languages: Proficient in English and Chinese  
Certificates: Google Data Analytics & Google Advanced Data Analytics