

ALSON LEE JIAN YANG

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EDUCATION

National University of Singapore (NUS) Bachelor of Computing in Computer Science (Honours)	Aug 2024 - Present
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Hwa Chong Institution (HCI) GCE 'A' Levels	Jan 2020 - Dec 2021
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- AAA/AAA in Physics, Chemistry, Mathematics, Economics, General Paper, Project Work
- Merit in H3 Chemistry
- Hwa Chong Diploma with Distinction

AWARDS AND SCHOLARSHIP

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- NUS Merit Scholarship
 - MOE Edusave Scholarship for Independent Schools (ESIS)

EXPERIENCE

Signal Operator, Singapore Armed Forces Lancer, Brunei Darussalam	Jan 2022 - May 2024
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- Operated critical radio equipment for 15 high-risk missions, provided real-time updates to senior management to conduct exercises
- Facilitated flow of critical information amongst army and air force commanders in emergency situations, leading to helicopter search-and-rescue of five cadets
- Led a team of 6 to provide technical and multimedia support for a diplomatic event with 700 attendees, including foreign ministers and defence attachés of 11 countries
- Developed a custom Excel macro and database system to streamline administrative forms for diplomatic bags, improving workflow by reducing processing time by 50% and eliminating human error

EXTRA CURRICULAR ACTIVITIES

Dialogues & Discussions Head, International Science Youth Forum, Hwa Chong Institution	Oct 2020 - Jun 2021
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- Moderated the keynote forum with Nobel Laureates in ISYF's flagship event, with an international audience of 150 students from 40 schools across 14 countries
- Coached a team of 6 to moderate seminars by eminent researchers

Research Assistant, Centre for Science Research and Talent Development, Hwa Chong Institution	Apr 2020 - Apr 2021
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- Reviewed and compiled data from 50 research papers on novel nano-enhanced micro-encapsulated phase change materials (PCMs) for passive cooling

Head, Science Quiz Club, Bukit Panjang Govt. High School	Mar 2018 - Mar 2019
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- Planned weekly lessons, activities, practical experiments and games for club members for enrichment in Science
- Won the CCA Active Participation Award, recognized by the school as most active member of Science Team

- Directed a team of 30 in planning, logistics and execution for the Science Team SIA Scientific Outreach Project, went to external beneficiaries (Primary schools), to conduct a large-scale Science Fair for younger kids

ADDITIONAL INFORMATION

- Skills: Proficient in Microsoft Office Suite, Programming Languages (C, R, Python, SQL, HTML/CSS/Javascript)
- Languages: Fluent in English and Mandarin (both spoken and written)
- Interests: Learning Japanese, Solving puzzles, Hunting for good food