

# ALSON LEE JIAN YANG

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## EDUCATION

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<b>National University of Singapore (NUS)</b> <b>Bachelor of Computing in Computer Science (Honours)</b> <ul style="list-style-type: none"><li>• Current GPA: 4.88 / 5.00</li><li>• Tembusu College, University Town College Programme</li></ul>	<b>Aug 2024 - Present</b>
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<b>Hwa Chong Institution (HCI)</b> <b>GCE 'A' Levels</b> <ul style="list-style-type: none"><li>• AAA/AAA in Physics, Chemistry, Mathematics, Economics, General Paper, Project Work</li><li>• Merit in H3 Chemistry</li><li>• Hwa Chong Diploma with Distinction</li></ul>	<b>Jan 2020 - Dec 2021</b>
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## AWARDS AND SCHOLARSHIP

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

## PROJECTS

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- Developed a Sudoku Solver and game web app, using HTML, CSS+Bootstrap, Javascript for the front-end and Python and Flask for the back-end. <https://sudokusolver-beryl.vercel.app/sudoku>
  - Created a personal home page to display full portfolio. <https://alsonleej.github.io>

## EXPERIENCE

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<b>Signal Operator, Singapore Armed Forces Lancer, Brunei Darussalam</b> <ul style="list-style-type: none"><li>• 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</li><li>• 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</li><li>• Facilitated flow of critical information amongst army and air force commanders in emergency situations, leading to helicopter search-and-rescue of five cadets</li></ul>	<b>Jan 2022 - May 2024</b>
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## EXTRA CURRICULAR ACTIVITIES

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<b>Dialogues &amp; Discussions Head, International Science Youth Forum, Hwa Chong Institution</b> <ul style="list-style-type: none"><li>• 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</li><li>• Coached a team of 6 to moderate seminars by eminent researchers</li></ul>	<b>Oct 2020 - Jun 2021</b>
<b>Research Assistant, Centre for Science Research and Talent Development, Hwa Chong Institution</b> <ul style="list-style-type: none"><li>• Reviewed and compiled data from 50 research papers on novel nano-enhanced micro-encapsulated phase change materials (PCMs) for passive cooling</li></ul>	<b>Apr 2020 - Apr 2021</b>

## **ADDITIONAL INFORMATION**

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