

# YEO RONG QUAN

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## EDUCATION

### **Nanyang Technological University**

class of 2024

*Bachelor of Engineering Science and Master of Science in Technology Management*

- Accepted into Fall'24 Intake of NTU's flagship Renaissance Engineering Programme
- Pending status of applications to schools in UK and US

### **Hwa Chong Institution**

Jan 2016 – Dec 2021

*GCE A-Level: H2 Biology, Chemistry, Mathematics, Economics; H3 Chemistry*

2021

- Distinction for all subjects at A levels
- Hwa Chong Diploma with Distinction (for the top 5% of school for holistic excellence)
- Science and Math Talent Programme (for high-ability students) 2018-2021
- A\*Star Science Award (for top performing Science and Mathematics students) 2018-2021
- Outstanding Student Award (High School) 2019
- Singapore Chemistry Olympiad (Silver), Singapore Math Olympiad Junior (Silver), Senior (Silver), 2018-2021
- International Mathematics Modelling Competition (Distinction)

## WORK EXPERIENCE

### **Army Training Evaluation Centre, Singapore Army**

May 2022 – Nov 2023

*Intelligence Admin Assistant (full-time National Service)*

- Attained rank of Corporal First Class (for top 10% of National Service cohort).
- Nominated as Logistics lead for Formation National Servicemen welfare committee, responsible for planning bonding and workplace improvement activities for 400 personnel.
- Developed PowerBI dashboards to track battalion performance evaluations.
- Digitized maps using ArcGIS for war gaming and scenario planning.

### **Singapore Immunology Network, A\*Star Science Agency**

Mar 2020 – Mar 2021

*Research Intern*

- Mentored by Principal Investigator to research immune signatures associated with Atopic Dermatitis.
- Analysed genomic data and identified relationships between genes versus biomarkers using Excel and GraphPad Prism.
- Awarded Gold and Grand Prize in Indonesia Applied Science Project Olympiad, topping 500 participating projects.
- Awarded Bronze in ASEAN Innovation Science Fair (University Section), published research paper.

## LEADERSHIP

### **Hwa Chong Science and Math Talent Programme**

Jan 2020 – Oct 2021

*Executive Committee, Secretary-Treasurer*

- Spearheaded STEM initiatives including Science Fair and Junior College Orientation for more than 200 students.
- Piloted virtual alumni sharing sessions during Covid-19, increasing student outreach by more than 60%.
- Created workflow to systematically track finances for procurement of equipment and organisation of activities.

### **Virtual Befriending Programme, Ng Teng Fong General Hospital**

Apr 2020 – Apr 2021

*Co-founder*

- Conducted virtual activities, performances, and games biweekly to liven the mood of elderly patients.
- Crafted engaging slides on topics like festivals, foods, places of interest.
- Outreach to more than 500 patients and featured in local news outlet with the initiative adopted by hospital.

## ADDITIONAL INFORMATION

Skills	Data analysis, report writing, communication.
Computer	Proficient in Microsoft Office, Python, C++
Languages	Native proficiency in Mandarin Chinese and English.
Interests	badminton, soccer, reading, travelling.