

# LIN JING YANG

MECHANICAL ENGINEERING STUDENT

## CONTACT

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## SKILLS

Hard & Soft Skills:

SOLIDWORKS CSWA Certification

ANSYS

MS Office

Leadership

Management roles

Programming Languages & Development:

Python

C (basic)

CSS (basic)

HTML (basic)

## EDUCATION

**Mechanical Engineering,  
Engineering Scholar**

**National University of Singapore**

May 2025 - Present

Current GPA: 4.91/5.0

**Specialisations:**

- Energy & Sustainability
- Aeronautics

**GCE A-Level Program**

**Victoria Junior College**

Jan 2021 - Dec 2022

Grade: 87.5 / 90

Interesting subjects taken:

- H3 NUS-A\*STAR-VJC Science Research
- H1 China Studies in English

**Integrated Programme**

**Victoria School**

Jan 2017 - Dec 2020

GPA: 3.83/4.0

## INTERESTS

Sports:

Swimming, cycling, running and kayaking

Hobbies:

Writing, drawing, reading (Sci-fi or Non-fiction).

## EXPERIENCE

### SAF, Artillery Officer

Jan 2023 - Apr 2025

- Attained Company Best Recruit in BMT
- Accomplished REDCON 1 (highest tier in readiness evaluation)
- Organised various events such as training, welfare and bonding for company, worked with multiple stakeholders to coordinate events spanning large area of management
- Received Outstanding NSF of year 2024 award for excellent performance during service and extension of service in 2025

### Victoria Junior College, Student Councillor

May 2021 - May 2022

- CCA Service Award
- Organised Musicfest Concert for 700 people first time after COVID restrictions ended
- Planned & led match support in VJC National School Games, including logistics, manpower, training and timetable allocation
- Initiation 2022, Orientation 2022 as initiation group leader and orientation group leader

### NUS-A\*STAR-VJC, Intern

May 2021 - Feb 2022

- Research on photonics and waveguides to create miniaturised on-chip gas sensors for agritech and sustainability related applications
- Achieved distinction for the project.

### International Science Youth Forum

Jan 2022

- Hosted discussion room for research projects with international students through zoom due to gathering bans from COVID-19
- Participated in a mini-research project to find ways to keep our water systems clean

### Victoria School, Leadership

2019 - 2020

- Unit Sergeant Major, NCC (Sea) 2019-2020
  - Organised & Executed major CCA events: CCA Camp
- Class Chairman 2019-2020

## COMPETITIONS

### International Space Challenge

Dec 2022

- Design of spacecraft to utilise passive magnetic shielding to survive van-alen belts for space recording and experiments.

### Singapore Energy Grand Challenge

Nov 2022

- Top 10 Places.
- Ideated for sustainable solutions in Singapore's infrastructure, for net-zero estates.

### DSTA - Digital and Artificial Intelligence

Dec 2020

- 5-day Hackathon. Champions.
- Developed space-oriented website to pique users' interest with 20 to 21st-century space history & AI recognition bot, achieved above 85% accuracy.

### Innovation Programme

Jun - Jul 2018

- Distinction Award
- Designed a simple, cheap solution to soap wastage: with a single slip-on clip

### Writing competitions - Science Centre, Science Fiction Writing

**Jun 2021: Top 10 - Merit**

- Wrote sci-fi story about advancement of human technology to reach space age discovering extraterrestrials exist but are dinosaurs and initially left Earth for destroying Earth. Echoes climate change sentiments and a call to action.

**Jun 2020: Champion**

- Wrote sci-fi story about conducting century-long experiments on Mars only to backfire.

### CCA Competitions

2017 - 2019

- Kayaking 200m Champion, 2019
- Kayaking 200m Silver Medal, 2018
- Kayaking 100m Silver Medal, 2017