

# LIN MIN XUAN JESHUA

## Aerospace Engineering Undergraduate

 <http://jesl.in>

 [jlin025@e.ntu.edu.sg](mailto:jlin025@e.ntu.edu.sg)

 +65 9663 2384

 18th Feb 1996

 Internship availability: May - July 2020

## EXPERIENCE

### Research Internship

**Institut für Energietechnik, Hochschule für Technik Rapperswil**

 July 2019 - September 2019

 Switzerland

- Developed computer-aided geometry optimization workflows for the lift generating component of an airborne wind turbine in collaboration with an industrial partner.
- Handled various flow simulation software packages (ANSYS Fluent, STAR-CCM+, MSES).

### Armoured Infantry Vehicle Commander

**Singapore Armed Forces**

 December 2014 - December 2016  Singapore

- Exercised command over a section of 8 soldiers and an armoured personnel carrier in the field, as well as taking responsibility for their welfare within the barracks.
- Managed the administrative matters of a company of over a hundred soldiers, working closely with higher command to keep the combat team running smoothly.

### High School Internship

**Infocomm Development Authority of Singapore**

 July 2012 - August 2012

 Singapore

- Conducted a nationwide feasibility study into online education initiatives as part of a group internship project over 4 weeks.

## EDUCATION

B.Eng. (Hons) in Aerospace Engineering (REP),  
MSc. in Technology Management (ongoing)

**Nanyang Technological University**

 August 2017 - December 2021

 Singapore

The Renaissance Engineering Programme (REP) is a 4½ year dual-degree programme in engineering and business.

**Imperial College London**

 October 2019 - May 2020

 United Kingdom

Concurrent with 3rd year of studies in REP.

**Modules taken/currently studying (non-exhaustive):**

Aerodynamics

Computational Fluid Dynamics

Control Systems

Finite Elements

Fluid Mechanics

Heat Transfer

### GCE 'A' Levels

**Raffles Institution**

 January 2009 - December 2014

 Singapore

## AWARDS

Imagine the Future Scenarios  
Competition 2018/2019

**Shell Singapore**

 Regional Runners-up  
 **National Champions**

National Olympiad of Informatics  
2011

**National University of Singapore**


 **Bronze Medallist**


Singapore Games Creation Competition 2011


**Nanyang Polytechnic**


 Best Technical Achievement


## SKILLS

 **Programming**  
Javascript, Python, Ruby, C++

 **System Administration**  
Docker, bash

 **Graphic Design**  
Inkscape, GIMP, Adobe Photoshop, Adobe Illustrator, Figma, Blender

 **CAD/CAE**  
SolidWorks, OnShape, STAR-CCM+, ANSYS Fluent

 **Hardware**  
3D printing, laser cutting, Arduino