

## Jonathan TAN, TAN Yu Teng

Mobile: +65 90063151

Email: jonathantyt@u.nus.edu

Telegram: @supported

WeChat: supported825

Skype: jonathantyt@gmail.com



## Education

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Aug 2019 – Present	<b>National University of Singapore</b> Bachelor of Engineering (Honours) in Mechanical Engineering with Robotics Specialisation (Cumulative Average Point: 4.91 out of 5)  University Town College Programme (UTCP) @ Residential College 4 Special General Education track with focus on Systems Thinking	Singapore
Jun 2020 – Aug 2020	<b>University of California, Los Angeles</b> Electronic Summer Programmes • Subject: Introduction to Feedback Control Systems (A)	USA
Jan 2011 – Dec 2016	<b>Raffles Institution</b> • Singapore-Cambridge General Certificate of Education (Advanced Level) • Subject(s): Physics (A), Chemistry (A), Mathematics (A), Economics (A), General Paper (A)	Singapore

## Work Experience

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Feb 2019 – May 2020	<b>Jurong Town Corporation</b> <i>Energy &amp; Chemicals Cluster Intern</i> • Managed operations of the Jurong Rock Caverns • Analysed Toxic Industrial Waste Management in Singapore • Proposed streamlined Customer Engagement Reports • Assessed Land Use & Allocation Proposals for Jurong Island	Singapore
Jan 2017 – Jan 2019	<b>Singapore Armed Forces</b> <i>Ground Transport Coordinator</i> • Managed vehicle requirements for daily operations • Coordinated manpower assignments • Monitored and maintained vehicle operability	Singapore

## Scholastic Achievements / Extracurricular Activities

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Aug 2019 – Present	<b>Engineering-Scholars Programme Scholarship</b> National University of Singapore Faculty of Engineering scholarship	Singapore
July 2019 – June 2020	<b>President, Raffles Singers</b> Registered choral society  Organised the inaugural Singapore International Choral Composition Competition 2020	Singapore
June 2016	<b>Land Use Innovation Competition @ JTC I3 Challenge</b> Second Runner Up  <i>Proposal Summary:</i> <i>Conceptualised an eco-friendly playground aimed at enhancing communication, creativity of the surrounding workspace environment.</i>	Singapore
Apr 2015 – Mar 2016	<b>School Contributions</b> President, Raffles Chorale, school choir	Singapore
Jan 2015	<b>Raffles Institution</b> All-round Excellence Award for Academic, Leadership and Service	Singapore

## Skill Sets & Proficiency

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<b>Office Productivity</b>	Microsoft Word, PowerPoint Microsoft Excel	Proficient Intermediate
<b>Multimedia</b>	Adobe Lightroom CC Adobe Photoshop CC Adobe Premiere Pro CC Adobe After Effects CC	Proficient Intermediate Intermediate Basic
<b>Web</b>	HTML CSS ReactJS	Intermediate Intermediate Intermediate
<b>Programming</b>	Python Javascript MATLAB Java C++	Proficient Intermediate Basic Basic Basic
<b>Operating Systems</b>	MacOS Robot Operating System (ROS) Ubuntu Linux Windows 10, 7, XP	Basic Basic Basic Basic
<b>Hardware Design</b>	SOLIDWORKS Fusion 360	Basic Basic
<b>Non-technical Skills</b>	Writing / Publications Project Management	Proficient Intermediate

## Language Proficiency

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<b>Spoken</b>	English – fluent; Mandarin – average; Japanese - basic
<b>Written</b>	English – competent; Mandarin – average; Japanese - basic