

DANIEL CHUA YONG HAN

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OBJECTIVE

Hardworking, enthusiastic, and detail-oriented Mechanical Engineering student equipped with great technical and interpersonal skills. Daniel is presently looking to secure a position in your company to gain more experience and exposure to the Software Engineering industry.

EDUCATION

AUG 2021 – JUL 2024	Nanyang Technological University, Singapore Bachelor of Engineering (Mechanical Engineering), Honours (Merit)
MAY 2015-MAY 2018	Temasek Polytechnic Aerospace Engineering GPA 3.42 of 4 <ul style="list-style-type: none">Completed Lufthansa Technical TrainingCompleted SAR-66 CAAS Examination: M9 (Human Factors)Distinction in Digital Fundamentals
JAN 2011 – DEC 2014	Chung Cheng High School (Main) GCE 'O' Level

SKILLS

Interpersonal Skills

- Fluent in English and Mandarin
- Strong Leadership skills
- Excellent team member in both school and work environment
- Fast and Active Learner
- Strong communicative skills

Computer Skills

- Fluent in Python, JavaScript, SQL, HTML and CSS
- Proficient in using engineering design software AutoCAD
- Proficient in Microsoft Word/Excel/PowerPoint

ACADEMIC PROJECT

- MAY 2023 – MAY 2024 **Design and Development of 2T1R Flexure Mechanisms**
- Modified existing program to fit scope of project
 - Fabricated optimal topology to run experimental studies on stiffness ratios
- JAN 2022 – MAY 2022 **SanitizEasy**
- Worked with peers to develop an UV light sanitising device
 - Volunteered to write up business plan

EXPERIENCE

- JAN 2023 – MAY 2023 **Mechanical Engineer, WSP Consultancy Pte Ltd**
- Assisted with Air Conditioning and Mechanical Ventilation
 - Helped with documentation of information
 - Checked layouts of floor plans
- OCT 2018 – MAR 2021 **Air Defence System Specialist, RSAF**
- Guided understudies with taking over of duties
 - Took on new responsibilities at other departments
 - Tasked with checking quality of weapon parts regularly
 - Quartermaster
 - Led various teams for deployment exercises
- MAY 2017 – DEC 2017 **Quality Assurance Engineer, ST. Aerospace Services Co Pte Ltd**
- Checked work cards to ensure compliance with Standard Operating Procedures
 - Rotated to other engineering departments to learn end to end manufacturing processes
 - Volunteered to help with multiple big maintenance, repair, and overhaul (MRO) projects
 - Made sure workers complied with safe workplace practices when working with aircrafts

CO-CURRICULAR ACTIVITIES

- AUG 2016 – AUG 2017 **Airborne Club, Temasek Polytechnic**
- Treasurer**
- Shouldered responsibility of handling club funds
 - Regularly analysed spendings to avoid discrepancies
- Secretary**
- Attended every meeting consistently
 - Took minutes to record and highlight meeting points