

JAY DICKSON

RMIT AEROSPACE ENGINEERING STUDENT

I am currently a student of Aerospace Engineering at RMIT, and I couldn't be more excited about the field I've chosen to study. I am passionate about space, technology and software. In my free time I develop my own personal projects and like to read, learn and continue to build new skills.

SKILLS

- CAD Drafting (Solidworks, Fusion360, Catia)
- Finite Element Analysis (Abacus CAE)
- Ansys System Tool Kit
- Python, JS, React, SQL

EDUCATION

AEROSPACE ENGINEER

Bachelor of Aerospace Engineering
RMIT | 2020 - Present

EXPERIENCE

DIGITAL TECHNOLOGY OFFICER

Saint Martin of Tours Primary School | 2019 - Present

Responsible for overseeing the integration of technology into the classroom. I repair devices, manage users and organise inventory.

DESIGN A MARTIAN MOON EXCURSION VEHICLE

As part of a course we designed a vehicle to land on the Martian moons and take samples. This project was extensive and required the culmination of years of engineering studies.

CAPSTONE PROJECT

Trusted Autonomous Operations for Distributed Satellite Systems. A year long project working with RMIT to develop a Deep Q-Learning model that can manage a formation of satellites.

INDEPENDENT DEVELOPER

I work on personal projects including web development, game development and other small apps. I am skilled in Javascript, Python, React, SQL, MongoDB, Linux/Unix and C#.

CONTACT

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