

Matthew Smith

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As my degree approaches its end, I recognise the importance of finding meaningful work experience that supports my growth as a student engineer and benefits my work as a future graduate

Personal Qualities

- High attention to detail
- Great communicator
- Excellent time management
- Conscientious
- Great problem-solving capacity

Education and Achievements

The Rockhampton Grammar School (2013-2017)

- Received an OP 1 upon graduation
- Awarded highest achievement in year 12 Mathematics C

The University of Queensland (2018-Present)

- Bachelor of Mechanical/Aerospace Engineering (Honours) and Mathematics student (graduating at the end of 2022)
- Cumulative GPA is 6.50 as of Semester 1, 2021
- Dean's Commendation Certificate for Semester 1, 2018
- Received a Principal's Award for Academic Excellence (GPA 6.5-6.99) in each semester at Cromwell College
- Awarded the 2020 Cromwell College Foundation Scholarship for having the highest GPA across five semesters
- Received the Norman Sheridan Memorial Prize for highest grade in MECH3400 (Thermodynamics & Heat Transfer) in Semester 1, 2020

Employment and Work Experience

McDonald's Glenmore Kitchen Hand (May 2015 – Present)

- Have worked at McDonald's in my hometown of Rockhampton since 2015 (return during breaks)
- I have gained a wealth of experience from working in a fast-paced team environment
- My prolonged time at the restaurant and strong work ethic means that I often mentor new employees

Tutoring at Cromwell College (August 2019 – Present)

- I tutor fellow college students in courses I have excelled in, including MATH1052, MATH2001 and MECH2300
- I assist with specific questions regarding assessment pieces
- Received positive feedback from all students (feedback forms available upon request)
- The role has developed my communication and mentoring skills and has solidified my own learning

UQ Space Aerostructures Sub Team (Feb 2021 – Present)

- Recently inducted into the aerostructures team in UQ Space
- Involves designing airframes for 10000ft and 30000ft rockets through CFD/FEA analysis, along with fabrication and testing
- Also working on structures for a rocket aiming to go beyond the Kármán Line (UQ would become the first university in the world to do so)
- Has allowed me to gain experience working in a sub team that is contributing to a greater goal

Leadership Experience

Leader in ENGG1100, ENGG1200 and MECH3600 at UQ

- Organised meetings, allocated tasks, created GANTT charts and work breakdown structures, and compiled reports
- This honed my skills in project and people management
- Received peer assessment factors greater than 1.00 in each project (evidence available upon request)

2020 Students' Association Executive Male Sports Convenor at Cromwell College

- Worked with companies to produce sports kits and personalised singlets for each student at college
- Organised a formal awards night on the scale of 250 people
- Employed problem solving strategies to source an alternative venue so the event would align with COVID-19 restrictions
- Wrote event management plans, communicated with stakeholders (venue, musician etc.) and managed a budget

2021 University of Queensland EAIT Student Ambassador

- This role involves working with fellow students and staff to guide prospective UQ students and help them make informed decisions about their studies in the EAIT faculty
- I also assist with school visits where I help run workshops for students to share my passion for engineering

Extracurricular Activities

2017 Rockhampton Grammar School Touch Co-Captain

- Open boys' touch football co-captain in high school, which competed at the Queensland All Schools competition (largest touch football competition in the Southern Hemisphere)
- During times of adversity, I learnt to effectively communicate with each player to extract their best performance
- Not only did this culminate in us winning our division, but also allowed the team to become a more close-knit unit

2019 Touch Football Convenor at Cromwell College

- Involved holding team trials to select a squad and running regular trainings in preparation for the inter-college carnival
- Most players had come from different sporting backgrounds and had a significantly low exposure to touch football
- I Learnt how to combine people of different skill levels into an effective team

2019 Cromwell College World's Greatest Shave

- In 2019, I was nominated to participate in the annual World's Greatest Shave, raising over \$100
- I was initially nervous, but felt rewarded upon completion as I knew the profits were going to a good cause
- The experience taught me that effective role models must often be willing to step out of their own comfort zone

References

Michael Crome

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