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# DECLAN KELLY

Brisbane, QLD 4069

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## Experience

02/2024 – Current Iplex Townsville, QLD	<b><u>2024 Iplex Scholarship Recipient &amp; Intern</u></b> AWARD/EXPERIENCE
11/2022 – Current GHD Townsville, QLD	<b><u>GHD Engineering Intern</u></b> EXPERIENCE <ul style="list-style-type: none"><li>• Work/worked as an intern on engineering projects such as:<ul style="list-style-type: none"><li>➢ Stage 1 of the Haughton Pipeline, North Queensland</li><li>➢ Douglas Clarifier System for water treatment, Townsville</li><li>➢ Campaspe council pool condition assessment, Regional Victoria</li><li>➢ Goldie River Water Supply Defence Project, Papua New Guinea.</li></ul></li><li>• Management of project finances for Campaspe, Haughton, and Goldie River projects</li><li>• Consulted with suppliers for the Haughton Pipeline project.</li><li>• Assisted senior engineers on condition assessments at Townsville's water supply clarifiers.</li></ul>
04/2022 – Current James Cook University Townsville, QLD	<b><u>James Cook University Engineering Ambassador</u></b> EXPERIENCE <ul style="list-style-type: none"><li>• Organised and directed community engagement activities for local schools to foster interest in engineering and geological sciences.</li><li>• Provided consultation to 1<sup>st</sup> and 2<sup>nd</sup> year engineering students regarding study paths.</li><li>• Met with school aged students to discuss available tertiary study paths and extracurricular engineering activities.</li></ul>
02/2021 – Current Private Townsville, QLD	<b><u>Private Tutor</u></b> EXPERIENCE <ul style="list-style-type: none"><li>• Experience with school-aged students from years 5-12 in Mathematics and English.</li><li>• Personalising sessions to suit a student's learning ability and interests.</li><li>• Experience working with children with neurodivergent conditions such as ADHD and autism.</li></ul>
2021 – 2022 John Flynn College Townsville, QLD	<b><u>Engineering Tutor</u></b> EXPERIENCE <ul style="list-style-type: none"><li>• Teaching university level maths and physics to college students.</li><li>• Grading and reviewing exams and assignments.</li></ul>
06/2020 – 07/2020 Australian Droid and Robot Brisbane, QLD	<b><u>Engineering Work-Experience</u></b> EXPERIENCE <ul style="list-style-type: none"><li>• Shadowed Dr Joe Cronin at <i>Australian Droid and Robot's</i> laboratory.</li><li>• Became proficient with programming languages such as MATLAB, Python, Java, and C++.</li><li>• Privy to the development of a prototype gas turbine, supersonic drone.</li></ul>
12/2017 Youth With a Mission (YWAM) Papua New Guinea, Western Province	<b><u>Volunteer Ophthalmological Mission (community service)</u></b> EXPERIENCE <ul style="list-style-type: none"><li>• Worked in community engagement teams and taught children of the Papua New Guinean Western Provinces about sanitation and diet.</li><li>• Sterilised medical equipment for use in ophthalmological procedures.</li><li>• Received training and experience in operation management.</li><li>• Worked in confined spaces with large teams on critical eye surgeries.</li></ul>

## Education

07/2020 – 07/2024 Townsville, QLD Tertiary Education	<b><u>Bachelor of Mechanical Engineering (Honours)</u></b> James Cook University  GPA – 6.31
02/2014 – 11/2018 Brisbane, QLD Secondary Education	<b><u>Year 8 - 12</u></b> Brisbane Grammar School  Certificate of Merit – top 30% of the cohort

## Additional Qualifications

2015 – Current, Cabarita Beach	<b><u>Bronze Medallion (community service)</u></b> Cabarita Surf Life Saving Club
2021 – Current, Townsville	<b><u>Working With Children Check (Blue Card)</u></b> Type: Employee
2018, Paris, France	<b><u>Australian Cross-Country Representative</u></b> World's Cross Country

## Referees

**Geoff Seawright**  
Senior IT Specialist at Boeing  
**Andrew Catsoulis**  
CEO of National Storage  
**Dr. Joe Cronin**  
Australian Droid and Robot