



# TALENT FOR BUSINESS GROWTH



## The Ripper Group PTY LTD INTERNATIONAL

*...welcome to the future*

<b>Website</b>	<a href="https://therippergroup.com/">https://therippergroup.com/</a> <a href="https://thelittleripper.com.au/">https://thelittleripper.com.au/</a>
<b>Office Address</b>	Unit 5, 99-101 Spencer Road, Carrara QLD 4211
<b>Company Overview</b>	<p>The Ripper Group company name is drawn from a popular Australian phrase, “You Little Ripper!” The word ripper used in this way means “absolutely excellent, or something exciting extreme approval” (Macquarie Dictionary).</p> <p>It’s the perfect name for a company that utilises its expertise in unmanned aerial vehicles (UAVs) to pioneer changes in the way we rescue, record, maintain, inform and identify.</p>
<b>Employment Type</b>	Internship
<b>Position Title</b>	<b>Engineering Internship (Electrical/Aerospace/Mechanical/Robotics/Computer and Software)</b>
<b>Purpose</b>	Interns will shadow and support experienced engineers and team members on a range of projects offering their own ideas and developing new designs on unique projects and tasks.
<b>Key Duties</b>	<p>This is a broad position where you will have the opportunity to complete engineering tasks related to design, analysis, testing, integration and systems engineering.</p> <p>You will perform analysis on existing drone hardware, assist in the design and development of future hardware and provide quality assurance.</p>

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**Students:** To express your interest in this position, please APPLY NOW at [www.studygoldcoast.org.au/work/open-opportunities/](http://www.studygoldcoast.org.au/work/open-opportunities/)

**Providers:** To support your student in obtaining this position, please email [partnerships@studygoldcoast.org.au](mailto:partnerships@studygoldcoast.org.au) or contact Megan on 07 5556 6106.

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Duties and responsibilities will include and are not limited to:

- Electrical systems analysis
- Electrical system branch circuiting
- Preparation of design drawings
  
- Troubleshoot issues and provide solutions
- Mechanical 3D CAD design of components and systems
- PCB design and layout
  
- AI & NDVI (agricultural) scanning
- Coding
- 3D Printing

## Key Skills & Attributes

- Must be studying an Undergraduate or Graduate Engineering course
- Knowledge with AutoCAD software
- Knowledge of electrical and mechanical engineering theory
- Driven self-starter with a can-do attitude
- Previous experience flying or building drones
- Passionate or genuine interest in the drone industry
- Strong communication and interpersonal skills
- Flexible and open minded
- Attention to detail – accuracy, thoroughness and timeliness
- Ability to work independently as well as part of a team

## Software/Program Knowledge

- SDK (Software Development Kits)
- CAD
- Microsoft Suite

## Reporting Relationship

Reporting to the General Manager – Flight Operations

## Remuneration

Unpaid internship

## Hours

Business hours are from 9am – 5pm, Monday to Friday.  
1-2 days per week, by mutual agreement (flexible)

## Additional Information

- The internship may lead to paid casual, part-time or full-time work.
- The Ripper Group is an equal opportunity employer, valuing diversity and committed to creating an inclusive environment for all employees.

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