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Hiring Manager  
Industrus Engineering  
123 Ultimo Rd  
Broadway NSW 2007

Dear Hiring Manager,

**Re: Mechatronic Graduate Program at Industrus Engineering**

The work that Industrus Engineering does inspires me, and I have heard a lot about your projects and products by word of mouth, your website, and other sources including LinkedIn.

I am motivated to reach out to you about your Graduate Program at Industrus Engineering.

Going into my final year of Mechatronic Engineering, I am capable of providing you with interdisciplinary skills towards your mission to reimagine engineering. I would love to gain knowledge of your work towards large Australian engineering projects, and gain experience in applying my skills and passion to a cutting-edge company such as yours.

I know that Industrus Engineering values teamwork and leadership. I demonstrated these qualities as the Mechanical Team Lead of my University's Formula-SAE Motorsports Autonomous team, while maintaining a high-distinction average and successfully hosting youth space camps. I thoroughly enjoy working with people, and pairing that with my passion for mechatronic engineering, I strongly believe I would contribute effectively to your team.

Along with my enthusiasm and effective teamwork skills, I can offer technical skills towards Industrus Engineering such as:

- Understanding of hardware architecture and foundational programming, enabling responsible integration of embedded software with hardware components in real-time applications, while adhering to engineering standards and system requirements.
- Proficiency in programming languages such as Java, Python, and C, combined with the ability to quickly learn and apply new languages, supporting effective collaboration across multidisciplinary engineering teams.
- Experience in manufacturing for prototyping and iterative design, including laser cutting and 3D printing, allowing for efficient development, testing, and refinement of customised engineering solutions.
- Proficiency in CAD, including circuit building, 3D modelling, and simulation, supporting accurate design, documentation, and communication of mechanical and mechatronic interfaces.

By leveraging my passion for innovation and my expertise in mechatronic engineering, I am confident I would be a highly dedicated and valuable candidate for a graduate position at Industrus Engineering.

My resume is attached for your consideration, and I encourage you to explore my Professional Portfolio on [katia.ariane.com.au](http://katia.ariane.com.au). I am keen to be part of a team of specialists in a high-end environment. Thank you so much for your consideration, I look forward to hearing from you.

Kind regards,  
Katia Stephan