

# Noah Alexiou

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## CONTACTS

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0493 496 923

## OBJECTIVE

*Obtain a gap year position as an Electronics Engineer to gain skills and experience with complex electronic systems. Evaluate my experience in the the gap year program to consider perusing long term roles with the Australian Defence Force in academia.*

## EDUCATION

*Grade 12 Student at Gold Coast Christian College*  
*Subjects:*

*Graduating 2025*

- *Specialist Maths*
- *Maths Methods*
- *Chemistry*
- *Physics*
- *English*

## SKILLS

*Technologies & Software:*

- *CAD/CAM*
  - *Proficient in designing and manufacturing solutions to problems by utilising CAD software such as Fusion 360 and manufacturing technologies such as 3D printing and CNC Machining.*
- *Arduino/Raspberry Pi*
  - *Built circuits to appropriately facilitate gathering of information from sensors and programmed single board computers using C++ to solve problems and complete projects.*

## WORK EXPERIENCE

*SLA 3D Printing Consultant and Slicer*  
*Livetools*

*2024-2025*

- *Advised material choice and manufacturing parameters based on desired part properties.*
- *Modified designs with supports to improve print quality and manufacturability.*
- *Iteratively troubleshooted and improved procedures to continually increase the quality of parts produced.*

## EXTRA-CURRICULAR ACTIVITIES

*F1 in Schools*

*2021-2023*

- *Designed and manufactured a model F1 car using CAD/CAM technologies by considering design goals and  $\approx 30$  pages of technical regulations.*
- *Manufactured and programmed a custom lighting solution for a trade booth that responded to user input.*