

# Noah Alexiou

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## CONTACTS

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0493 496 923

## OBJECTIVE

### 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.