

Sam Nolan

Student Cloud Engineer

Education

2018–2020 **Bachelor of Computer Science**, *RMIT*, Melbourne, GPA 3.875.

2017 **VCE**, *Belmont High School*, Belmont, ATAR of 98.85.

Books Read

- Code Complete
- Clean Code
- Applying UML and Patterns
- Design Patterns
- Pro Git
- Refactoring

Experience

2019 **RMIT Programming Club**, *Vice President*.

2018 **Boojum**, *React, wordpress and django developer*.

2018 **RMIT Programming Club**, *Treasurer*.

2018 **RMIT Entrepreneurship and Startup Association**, *Event Officer, Treasurer*.
Organising events and managing tasks within the organisation.

2018 **SSCC**, *Student Representative*.

2018 **Upstart Challenge**, *Volunteer*.

IT Support for registered charity who create entrepreneur opportunities for high school students.

2017 **Australian Road Lines**, *Web Developer*.

Built a website for logistics company at australianroadlines.com.au.

2017 **Hackathon**, *Belmont High School*, Belmont.

Hackathon I organised where we created a website for the Student Representative Council.

2017 **Hex Competition**, *Belmont High School*, Belmont.

Javascript Hex bot competition I organised for the second year.

2017 **Lao Thai Geelong Care**, *IT Support Volunteer*.

Host and maintain the website of a not-for-profit at laothaigc.com.au.

2016 **Work Experience**, *Target Headquarters*, Belmont.

Point of sale development department.

2016 **Hackathon**, *Belmont High School*, Belmont.

Hackathon I organised where we created a sign in system for our school.

2016 **Hex Competition**, *Belmont High School*, Belmont.

Javascript Hex bot competition I organised for our school.

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Projects

- May An time based organiser I wrote for managing a large amount of obligations
- Dot Collector Micro-feedback application for lecturers, trialed on 08/05/2018
- Explain it like I'm 2 In depth explanations of different computer science topics.
- HexDLC A deep learning server that generates neuron networks to play the game Hex.
- ProjectX An RPG that interprets Lua and XML to configure various parts of the game.

Languages

- Python Very proficient, main programming language for use in AWS Lambda
- Javascript React, React Router, Redux
- Java Learnt it in 2014, don't use it very often but have a deep understanding
- Node.js Lambda functions, chat bots
- C++ Specialise in threading, networking, interpreters and performance

Skills

- Linux Administration, Vim Agile Scrum, UP
- Git Github, branching, hooks
- AWS Serverless, Lambda, API Gateway, Hosting etc

Referees

- Peter Colla Lead Developer of Target POS Department +61 (417) 344 343
- Callum Finley Head Technician of Belmont High School +61 (400) 535 399