

SUNG KUK GO (SEAN GO)

Personal: seank.go72@gmail.com ♦ Sydney, Australia

Website: <https://seanskgo.web.app/> **Github:** <https://github.com/seanskgo72>

SKILLS/TECHNOLOGIES

Language	Lines of code
C/C++	11 k
Python3	9 k
Javascript (ES6)	8 k
PostgreSQL + PL/PgSQL	4 k
MIPS	2 k
Shell Scripts	2 k

Other:

WSL2(Ubuntu), React, React Native, Flask, L^AT_EX, Git(Github, Gitlab), Firebase, Postman, PyQt5.

EDUCATION

University of New South Wales (UNSW)
2020 - Present

Bachelor of Computer Science - AI major
Cumulative WAM: 85.5

North Sydney Boys Selective High School
2014 - 2019
High School Certificate

RESEARCH CONTRIBUTION

Efficacy of Bule as a SAT language

December 2020 - Current

♦ Bule is a Boolean Satisfiability (SAT) language under development by several UNSW professors.
♦ Currently assessing the efficacy of Bule in terms of time complexity and compactness of boolean expressions compared to other SAT languages.

<https://github.com/AbdallahS/pspace-encodings>

EMPLOYMENT

Edu-Kingdom College Academic Tutor, Hornsby 2016 - Present
Private and class tutor ♦ Grades 2-12 ♦ Preliminary and HSC preparation in Mathematics and English ♦ Homework help.

Casual Junior Team Member - Gelatissimo, Hornsby Westfield 2017
Prepare/refill, sculpt and serve gelatos ♦ customer service ♦ cleaning and disposal of rubbish.

VOLUNTEERING/ EXTRA-CURRICULARS

- Executive at UNSW St Vincent De Paul Society - Grievance Officer (2021)
- Subcommittee Member at UNSW St Vincent De Paul Society - Events Team (2020)
- Childcare Volunteer, Normanhurst Out-Of-School-Hours (OOSH) Care (2016 - 2017)

PROJECTS

Tic Tac Toe AI App December 2020
Javascript (ES6) ♦ React Native ♦ Expo ♦ NPM ♦ SVGs ♦ Functional components ♦ Hooks ♦ WSL ♦ Internal, alpha, beta testings ♦ Google Play.

<https://github.com/seanskgo72/tic-tac-toe-app>

VS Code Extension for Bule May 2020
Javascript (ES6) ♦ Yeoman ♦ Vsce ♦ TextMate Grammar ♦ NPM ♦ Javascript regex ♦ WSL ♦ VS Code Marketplace.

<https://github.com/seanskgo72/vscode-bule-syntax-highlighting>

Text Analyser August 2020
C ♦ WSL ♦ multi-file management ♦ string matching ♦ AVL Tree ♦ Display top, frequent words.

<https://github.com/seanskgo72/Text-Analyser>

ACHIEVEMENTS

- Penrith Eisteddfod Pianoforte Certificate/Diploma - Championship: 3rd Place (2019)
- Mathematics Challenge for Young Australians (Challenge) - High Distinction (2017)
- Mathematics Challenge for Young Australians (Enrichment) - Distinction (2016)
- ICAS Mathematics - High Distinction (2016)

REFERENCES

Available upon request.