SUNG KUK GO (SEAN GO)

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

Website: https://seanskggo.web.app/   **Github:** https://github.com/seanskggo72

SKILLS/TECHNOLOGIES

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

Other:
WSL2(Ubuntu), React, React Native, Flask, LaTeX, 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 ◇ SVGs ◇ Functional components ◇ Hooks ◇ Internal, alpha, beta testings ◇ Google Play.

https://github.com/seanskggo72/tic-tac-toe-app

VS Code Extension for Bule   *May 2020*
Javascript (ES6) ◇ Yeoman ◇ Vsce ◇ TextMate Grammar ◇ Javascript regex ◇ VS Code Marketplace.

https://github.com/seanskggo72/vscode-bule-syntax-highlighting

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

https://github.com/seanskggo72/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.