# SUNG KUK GO (SEAN GO)

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**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**  *January 2021*
Javascript (ES6) ◇ React Native ◇ Expo ◇ NPM ◇ SVGs ◇ Functional components ◇ Hooks ◇ WSL ◇ Internal, alpha, beta testings ◇ Google Play.

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

**VS Code Extension for Bule**  *January 2021*
Javascript (ES6) ◇ Yeoman ◇ Vsce ◇ TextMate Grammar ◇ NPM ◇ Javascript regex ◇ WSL ◇ 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.