

SUNG KUK GO (SEAN GO)

Personal: seanskg72@gmail.com ♦ Sydney, Australia

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

Linkedin: <https://www.linkedin.com/in/sean-go-3b8ab41a7/>

SKILLS/TECHNOLOGIES

Languages

C/C++, Python3, Javascript (ES6), MIPS, Shell, Bash, HTML5, CSS3, PostgreSQL + PL/PgSQL.

Technologies

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

Other

Agile, CI/CD, REST APIs, OOP, KISS & DRY principles.

EDUCATION

University of New South Wales (UNSW)
2020 - Present

Bachelor of Computer Science - AI major
Cumulative WAM: 85.5 (High Distinction)

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

RESEARCH

Bule - SAT Language

2020 - Present

- ♦ Train under Dr. Saffidine and Valentin
- ♦ Assess Bule encodings in terms of time complexity and compactness of boolean expressions.
- ♦ Encode P and NP complete problems in Bule.

EXPERIENCE/EMPLOYMENT

Junior Developer *2021 - Present*
ShopGrok

- ♦ Build and perform web crawler scheduling, monitoring and maintenance
- ♦ Build and maintain ETL workflows
- ♦ Perform data processing with regex

UNSW Annual Hackathon *2020*

- ♦ Lead a team of three.
- ♦ Create mock up using Figma for presentation.
- ♦ Design architecture diagrams for presentation.

Academic Tutor *2016 - 2021*
Edu-Kingdom College

- ♦ Tutor private and medium-sized classes.
- ♦ Teach preliminary and HSC students in Mathematics and English.

VOLUNTEERING/ EXTRA-CURRICULARS

Grievance Officer

UNSW Vinnies Society *2021*

- ♦ Resolve conflict between internal members.
- ♦ Work with executive team to manage society.

Events Subcommittee Member

UNSW Vinnies Society *2020*

- ♦ Help organise volunteering events for society.
- ♦ Create banners for volunteering events.

Childcare Volunteer

Normanhurst OOSH Care *2016-2017*

- ♦ Supervise children in designated areas.
- ♦ Clean centre after shift when required.

PROJECTS

FutureSpace *2021*

- ♦ Predict client attrition using multiple regression.
- ♦ Create back-end with Flask and Axios.
- ♦ Create front-end with React and Bootstrap.
- ♦ Utilise REST APIs, Pandas, Sklearn, Statsmodel.
- ♦ Deploy on Heroku and Firebase.

Tic Tac Toe AI App *2020*

- ♦ Create mobile app using React Native and Expo.
- ♦ Utilise NPM, Functional components and hooks.
- ♦ Perform internal, alpha and beta tests.
- ♦ Publish on Google Play.

VS Code Extension for Bule *2020*

- ♦ Create syntax highlighter with Yeoman + VSCE.
- ♦ Utilise TextMate Grammar and Regex.
- ♦ Publish on VS Code Marketplace.

ACHIEVEMENTS

♦ J.P. Morgan Software Engineering Virtual Work Experience Program (2020)

♦ Placed 3rd in Penrith Eisteddfod Pianoforte Certificate/Diploma Championship (2019).

♦ Achieved High Distinction in Mathematics Challenge for Young Australians (Challenge) (2017).

♦ Achieved Distinction in Mathematics Challenge for Young Australians (Enrichment) (2016).

♦ Achieved High Distinction in ICAS Mathematics (2016).

REFEREES

Available upon request.