

SUNG KUK GO (SEAN GO)

Personal: seansk72@gmail.com ◇ Sydney, Australia

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

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, Anaconda.

Other

Agile, CI/CD, HTTP, REST APIs, Websockets, TCP/IP, Async/Await, Threads & Concurrency, OOP, CRUD, 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

EMPLOYMENT

Junior Developer *2021 - Present*

ShopGrok Pty Ltd

- ◇ Build and perform web crawler scheduling, monitoring and maintenance
- ◇ Extract XML and JSON data with XPath and HTTP requests
- ◇ Perform data processing with regex

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

Research Volunteer *2021*
UNSW

- ◇ Utilise QBF and SAT solvers to assess time complexity of Bule encodings.
- ◇ Encode P and NP complete problems in Bule especially naive vs sequential encodings of vertex cover.

Grievance Officer *2021*

UNSW Vinnies Society

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

Events Subcommittee Member *2020*

UNSW Vinnies Society

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

Childcare Volunteer *2016-2017*

Normanhurst OOSH Care

- ◇ 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.