

# Low Jun Kai Sean

## LINKS

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## EDUCATION

### NATIONAL UNIVERSITY OF SINGAPORE

BSc IN COMPUTER SCIENCE

Aug 2018 -

Current CAP: 4.23/5.00

## SKILLS

### PROGRAMMING

In order of proficiency:

- ☞ Java
- 📄 JavaScript
- 🗄 PostgreSQL
- 📄 HTML5
- 📄 CSS3
- 🐘 MySQL
- 🐍 Python

### FRAMEWORKS

In order of proficiency:

- 📄 Ruby on Rails
- 🌀 React.js
- 📄 NodeJS

### LANGUAGES

Written and Spoken:

- English
- Mandarin Chinese

### INTERESTS

- Teaching Computational Processes
- Video Games & Game Programming
- Front-End Development

## COURSEWORK

### UNDERGRADUATE

CS1101S: Programming Methodology  
 CS2030: Programming Methodology II  
 CS2040: Data Structures & Algorithms  
 CS2103T: Software Engineering  
 CS3241: Computer Graphics  
 CS3247: Game Development

## PROJECTS

### DROP THE BEAT

[GITHUB.COM/Q-GABE/DROPTheBeat](https://github.com/Q-GABE/DROPTheBeat)

Status: Completed

Developed as an iOS/Android phone application for geolocation-based music sharing through public Google Maps and Spotify APIs. Pair-programmed with Gabriel Ong and developed entirely in 24 hours for the Hack'n'Roll 2020 Hackathon.

### \$AVENUS: CS2103/T TEAM PROJECT

[GITHUB.COM/AY1920S1-CS2103T-F13-2/MAIN](https://github.com/AY1920S1-CS2103T-F13-2/MAIN)

Status: Completed

A financial planning app for meal planning in NUS with a Command Line Interface. I worked on the algorithms for sorting features and alias command for shortcuts.

## WORK EXPERIENCE

### NODEFLAIR

SOFTWARE ENGINEERING INTERN

Jan 2020 - Apr 2020

- Worked as a Full-Stack Developer to deliver features for talents and administrators in a fast-paced tech recruitment market.
- Worked closely with product and engineering teams by running back-end features to deliver smoother user experience.

## TEACHING EXPERIENCE

### CS2030: PROGRAMMING METHODOLOGY II

TEACHING ASSISTANT

Aug 2019 -

- Facilitating the teaching of Object-Oriented Programming, Fundamental Software Engineering Principles and Java 11 Streams.
- Marked and went through coding to give feedback to undergraduates to improve general code quality and fundamental software engineering principles.
- Maintained Collaborative Website-cum-Textbook on GitHub for undergraduates to contribute and facilitate online learning.

### CS1101S: PROGRAMMING METHODOLOGY

TEACHING ASSISTANT

Aug 2019 - Nov 2019

- Taught basic recursion, lambda calculus and data structures such as lists and binary search trees for 7 Computer Science freshmen.
- Marked and went through coding to give feedback to freshmen to clarify understanding and review basic concepts.

## VOLUNTEERING EXPERIENCE

### NUS RED CROSS I.VOLUNTEER

PUBLICITY HEAD

Jun 2019 - Sep 2019

- Created and Innovated designs for logos, posters and merchandise to publicize the one-day event
- Maintained the newly created Instagram page to spread, cover and share essential information about the event to gather volunteers to attend to get a first-hand experience of volunteering.