







Low Jun Kai Sean

LINKS

 seanlowjk.github.io/website
 (+65) 8223 0350
 sean.low.jk@u.nus.edu
 [seanlowjk](https://github.com/seanlowjk)
 [seanlowjk](https://www.linkedin.com/in/seanlowjk)
 [seanlowjk](#)

EDUCATION






NATIONAL UNIVERSITY OF SINGAPORE

BCOMP IN COMPUTER SCIENCE
 Aug 2018 -
 Current CAP: 4.31/5.00

SKILLS




PROGRAMMING

In order of proficiency:

-  Java
-  JavaScript & Typescript
-  PostgreSQL
-  HTML5
-  CSS3

FRAMEWORKS

In order of proficiency:

-  React.js
-  Ruby on Rails
-  NodeJS

LANGUAGES

Written and Spoken:

- English
- Mandarin Chinese

INTERESTS

- Teaching Computational Processes
- Video Games & Game Programming
- Design Thinking
- Full Stack Web Development

COURSEWORK

UNDERGRADUATE

CS2102: Database Systems
 CS2103T: Software Engineering
 CS3230: Design and Analysis of Algorithms
 CS3240: Interaction Design
 CS3247: Game Development

PROJECTS

PROJECT AETHER

[GITHUB.COM/ECLMIST/AETHER](https://github.com/ECLMIST/AETHER)

- Earned 1st in NUS 16th SoC Term Project Showcase
- Developed a co-op multiplayer adventure game using Unity
- Designed and Executed the User Interface and Game Mechanics

YOGAPETS

[GITHUB.COM/CS2102-AY2021-TEAM14](https://github.com/CS2102-AY2021-TEAM14)

- Developed a Full Stack Database Application for Pet Caring Services
- Developed Pet Owner Features (Front-End and Back-End)

PIAZZA DESIGN REWORK

[GITHUB.COM/SEANLOWJK/PIAZZA-REWORK](https://github.com/SEANLOWJK/PIAZZA-REWORK)

- Reworked Piazza, a Q&A Platform for Students and Instructors
- Handled wireframing, prototyping and website execution for the project

DROP THE BEAT

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

- Developed an iOS/Android phone application for geolocation-based music sharing through public Google Maps and Spotify APIs.
- Developed in a span of 24 hours for the Hack'n'Roll 2020 Hackathon.

WORK EXPERIENCE

SOURCE ACADEMY

RESEARCH INTERN

May 2020 - Jul 2020

- Worked as a Full-Stack Developer to deliver a gamefied platform for students in CS1101S: Programming Methodology.
- Worked closely with the teaching team to gather user feedback to develop fluid user experience for incoming freshmen.

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.