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
- PostgresSQL
- 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
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
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.