Lau Kar Rui

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Singaporean

Education

National University of Singapore [Expected 2020]
Bachelor of Computing (Honours) in Computer Science
CAP: 4.35/5.00 (Currently in Year 2 Semester 2)
Relevant Coursework: Data Structures & Algorithms, Database Systems,
Intro to Software Engineering, Intro to Artificial Intelligence, Interaction Design

Singapore Polytechnic [2010 – 2013]
Diploma with Merit in Business Administration
GPA: 3.83/4.00

Projects

iungo – Java Desktop Application [Portfolio](#) [GitHub](#)
A software engineering project for CS2103.
- Desktop address book application controlled using a command line-like interface, with GUI by JavaFX.
- It is written in **Java** and has about 10kLoC. Contributions to this project can be perused following the portfolio link.

Taskrr – Full Stack Web Application [GitHub](#)
A task matching web project for CS2102.
- Supports account creation and authentication.
- There are also queries to do various tasks such as bidding, creating new tasks, or viewing of offers.
- It is written in **JavaScript** using **Node.js** and **Express**. The backend database used is **Postgresql**.

Chope God – iOS Application [GitHub](#)
Hackathon submission – Hack & Roll 2018
- A prototype app hacked together in 24 hours to use Apple's ARKit (augmented reality) to help reserve seats at a meeting room or table by marking the spot with a pin.
- The language used was **Swift** and **Firebase** was used as the backend database to store the locations.

Experience

Teaching Assistant – *National University of Singapore* [Jan 2018 - May 2018]
TA for CS2103 Introduction to Software Engineering
- Facilitate discussions on OO system analysis, modeling and design, implementation, testing, and various software engineering principles.

Achievements

Won Top 8 in Hack & Roll 2018 for Chope God (project described above)

Skills & Abilities

Languages: Java, C, Swift, SQL, HTML/CSS
Technologies: Node.js, Express, Git, Postgresql
Misc: Fluent in English, Conversational in Mandarin