JON CHUA
Bachelor of Computer Science Undergraduate
+65 8876 0357 • jonchua97@gmail.com • https://github.com/jon-chua • https://jonchua.dev

EXECUTIVE SUMMARY

- Second year Computer Science student currently studying in National University of Singapore (NUS) with experience in developing and testing medium-scale applications.
- Real-world experience in Java and JavaScript, including libraries such as React.
- Established leadership skills through planning and execution of University orientation camps attracting over 320 freshmen.
- Effective communication skills through teaching of Computer Science tutorial and laboratory classes for University modules.

EDUCATION

Bachelor of Computing in Computer Science (Hons) – National University of Singapore

- Estimated Graduation Jun 2022
- Current CAP of 4.75/5.00

KEY SKILLS

Java • JavaScript • React • Swift • Git • Software Engineering • Software Testing

PROFESSIONAL EXPERIENCE

Software Engineering Intern   **Visa Worldwide Pte. Ltd.**   **May 2020 – July 2020**

- Oversaw a team of 6 interns as a Scrum Master over 3 Agile sprints to propose an innovative solution to accelerate cash displacement.
- Spearheaded app development as a Scrum Master to help small businesses adjust to COVID-19 with a gamified promotions app.

Teaching Assistant   **National University of Singapore**   **Aug 2019 – May 2020**

- Instructed two modules: CS1101S (Programming Methodology) and CS2040 (Data Structures and Algorithms).
- Nominated as one of 12 CS2040 instructors to tutor students on solving online Kattis problems using Data Structures and Algorithms.
- Selected as one of 70 CS1101S trainers to facilitate tutorials to coach freshmen on concepts including orders of growth and recursion.

Source Academy Summer Programme   **National University of Singapore**   **Jun 2019 – Aug 2019**

- Implemented tests for Source Academy frontend utilized by over 600 freshmen per semester to learn programming.
- Improved total test coverage by 7% with Jest and redux-saga-test-plan to cover Source Academy's reducers and sagas.
- Uncovered and squashed subtle bugs discovered through introduction of these newly written tests.

Assistant IT Specialist   **St. Hua Private School**   **Nov 2017 – May 2018**

- Doubled productivity by migrating workflow and leads management from pen and paper to Google Suite.
- Increased website traffic and appearance rankings through WordPress website maintenance and Search Engine Optimization (SEO).

PROJECTS

DrawBerry   **Mar 2020 – May 2020**

- Built a competitive multiplayer drawing game in Swift from scratch for the iPad utilizing advanced Software Engineering principles.
- Engineered and tested the powerup system and competitive mode feature gameplay for DrawBerry.

$aveNUS   **Aug 2019 – Nov 2019**

- Morphed a sample application in Java into an application for NUS students to find favourite food items within their budget.
- Conceptualized, coded and tested the recommendation system for $aveNUS using Software Engineering principles.

annotate.me   **Jun 2019 – Aug 2019**

- Conceived and developed a React application to assist in image annotation for training of Machine Learning models.
- Implemented features include multi-image upload, multi-user annotation, downloading of annotations, shortcuts, and undo/redo.
- Nominated for Judge's choice award for Orbital 2019 and attained Apollo 11 (highest possible) achievement level.

VOLUNTEER & EXTRACURRICULAR ACTIVITIES

Freshmen Orientation Week – Programmes and Logistics Member   **May 2019 – Jul 2019**

- Supported the Freshmen Orientation Week (FOW) committee over a 2-month period to organize and execute a 4-day orientation camp for 320 freshmen, including planning and execution of various freshmen bonding activities.

MISCELLANEOUS INFORMATION

Languages

- Native Proficiency in English (Oral and Written) • Proficient in Mandarin (Oral and Written).