CLARISSA LEE ZI XIN

Phone: +6598183644

Email: e0425207@u.nus.edu

EDUCATION

National University of Singapore (NUS)   **Aug 2019 - Present**
Bachelor of Computing in Computer Science, Honours
- 2nd Major in Statistics, Minor in Japanese Language Studies
- Specializing in Artificial Intelligence and Computer Graphics
- Current CAP: 3.96/5.00 (Expected 2nd Upper Class Honours)
- Expected date of graduation: 31 Jan 2024

River Valley High School   **Jan 2013 - Oct 2018**

WORK EXPERIENCE

Intern, CoNEX Healthcare Pte Ltd, Singapore   **Dec 2021 - Mar 2022**
- CoNEX Healthcare is a healthcare and IT company that develops solutions with artificial intelligence to monitor ward activity
- Researched about radar sensor capabilities in measuring breathing rate of patients via sensor's application programming interface and data analysis via Python

RELEVANT EXPERIENCE

Beyond Health Hack Hackathon   **May 2021 - Present**
- Participated with 5 other students from different disciplinaries to create solutions for people living with dementia in Singapore
- Worked under the mentorship of a PhD student from Singapore University of Technology and Design (SUTD) and Alzheimer's Disease Association (ADA) to further develop solutions

Teaching Assistant   **Aug 2020 – Nov 2021**
- Taught and graded assignments for basic programming module for Computer Science students for 2 semesters

LifeHack Hackathon   **July 2021 - July 2021**
- LifeHack is a 24-hour virtual hackathon organized by NUS School of Computing, where teams were tasked to create innovative solutions to make a positive change in a post-COVID world
- Competed as a team of 3 with an app called "Cat Café" developed with React Native, the app aims to help students to study with their friends without having to meet up physically, whilst combining a collection of pet cats to encourage focused studying
- The team won a special award for having the most user-friendly application
- https://github.com/clarlzx/catcafe

Orbital   **May 2020 - Jul 2020**
- Orbital is NUS School of Computing's summer self-directed, independent work course for freshmen
- Collaborated with a team of 2 to design a mobile app using Flutter and Firebase for users to view promotions with an in-app calendar

PROJECTS

Computer Graphics Projects   **Aug 2021 – Present**
- https://github.com/clarlzx/portfolio

Grammatical Error Correction   **Sept 2022 – Nov 2022**
- Project done under NUS' NLP module to improve current state-of-the-art GEC systems
- https://github.com/CS4248-G09/generic-pretrained-GEC

SKILLS

- Proficient in Japanese at Japanese-Language Proficiency Test N3 level
- Experienced with Java, JavaScript, Python, PyTorch, R, HTML, Flutter, React Native, OpenGL, C/C++
- Experienced with Computer Graphics software such as Blender, Unreal Engine 5
- Experienced with Amazon Web Services, completed AWS Academy Cloud Foundations and Cloud Architecting courses