Jun Qing Lim

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TECHNICAL SKILLS

- Python, C, Java, JavaScript, Haskell, HTML, LAMP, Bootstrap, jQuery, Git, Bash
- Algorithms, Data Structures, Operating Systems, Discrete Mathematics, Continuous Mathematics
- Shell Programming, Object-Oriented Programming, Programming Paradigms

PROJECTS

sThrive ~ *Personal Project*   **Dec 2019**
- A web chat application with a prototype of integrating with Moodle (an education platform)
- Built with socket.io, Bootstrap
- Gained knowledge in real-time communications between web clients

Hearts ~ *FIT2102 Programming Paradigms Project*   **Nov 2019**
- A multiplayer hearts (trick-taking) game implemented with an AI
- Developed with purely functional language – Haskell and stack ghci

Asteroids Gameplay ~ *FIT2102 Programming Paradigms Project*   **Nov 2019**
- An asteroid game built with TypeScript, jQuery, and RxJs Observables
- Implemented using RxJx Observables to allow data stream in a synchronous manner
- Graded with best functional design approach

Stock Integration App (Robinhood-like) ~ *Can You Hack It 2019*   **Apr 2019**
- An attempt to develop a prototype for a Robinhood-like App
- Goal is to raise allowance for students without consuming a huge time

EDUCATION

University of Waterloo, Canada   **Jan 2020 – Present**
- Exchange, Mathematics – Computer Science
- Awarded with Monash Travel Abroad Scholarship
- Courses: Hons for Algebra Mathematics, Logic & Computation, Object-Oriented Development

Monash University   **July 2018 – Present**
- Candidate for Bachelor of Computer Science
- GPA: 3.92, WAM: 86
- Courses: Algorithms, Data Structures, Programming Languages, Computer Architecture, Operating Systems, Discrete Mathematics, Continuous Mathematics

Sunway College, Kuala Lumpur   **Jan 2017 – Dec 2017**
- Graduated with Western Australia Certificate of Education
- ATAR 97.65, ranked as top 5% in the world
- Awarded with Sunway College Special Scholarship
- Courses: Physics, Chemistry, Mathematics Methods, Mathematics Specialist, English as an Additional Language

EXPERIENCES

StarterHacks 2020   **Jan 2020**
- Participated in Canada's first largest beginner-friendly hackathon
- Overall goal is to bring individuals together of all skill levels to collaborate and learn about technology while focusing on solving various kinds of real-world problems

Google Cloud Study Jam Workshop   **Nov 2019**
- A workshop organized by Developer Student Club – MUM
- Mentors students on learning Google Cloud Platform (GCP) with hands-on experience on GCP and BigQuery Basics

Monash University Hackathon   **Nov 2019**
- Organized by Monash University in collaboration with Mobius Digital
- A hackathon that aims to revolutionize the education industry

Can You Hack It   **Apr 2019**
- Organized by Hong Leong Bank – a major publicly listed banking group in Malaysia
- It aims to change the way people perform banking transactions in Malaysia while improving upon its features

TTC Education – Science Tutor   **Feb 2018 – June 2018**
- Tutored more than 200 high school students per week at a private educational institution
- Teaching encompass students ranging from Grade 7 to Grade 11 on Science subject
- Collaborated with the Science teaching team to improve the curriculum of the teachings
- Directed an interactive learning environment through active and constant communication in the classroom

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HONORS AND AWARDS

Western Australia Certificate of Education
- Awarded by the Director of Australian Matriculation of Sunway College
- Ranked as the top 5% in the world who sat for the Western Australia Certificate of Education for the year of 2017.

5th Kangaroo Math Competition Malaysia
- *Honorable Mention*
- Organized and awarded by Kangaroo Math Malaysia with the support of Ministry of Education
- Selected by school to attempt on the annual competition.

Sunway College Special Scholarship – Australian Matriculation
- An annual scholarship awarded to secondary students to pursue pre-university studies at Sunway College
- Scholarship awardees are selected by the committee of Sunway College based on academic achievements and extra-curricular activities.

SPM Best Student Award
- *Physics and Principles of Accounting*
- Students are selected by school based on academic achievement for the subjects in national examination (SPM)
- Each subject is awarded to one student only

MIA-Sunway TES Accounting Quiz
- *First Runner Up, Team Category, National Level*
- Organized by Malaysian Institute of Accounts and Sunway TES Centre for Accountancy Excellence
- Supported by the Ministry of Education
- An annual competitive quiz with the goal of challenging secondary school students on accounting-related questions
- Comprised of school level, district level, state level and national level.

Malaysian National Chemistry Quiz

- *Distinction*
- Awarded by Malaysian Institute of Chemistry
- An annual quiz with the aim of testing the students' understanding on chemical sciences among all secondary students in Malaysia to qualify for the International Chemistry Olympiad (IChO).

10th A-Levels Math and Logic Challenge

- *State level*
- Organized and awarded by Sunway College
- An annual quiz held by Cambridge GCE A-Level department with the aim of challenging the students' problem-solving ability among all secondary students in Malaysia.