



## Education

### NATIONAL UNIVERSITY OF SINGAPORE

Bachelor of Computing (Honours) 2017-2021

- NUS Merit Scholarship Recipient
- CAP: 4.78/5.0 (Expected First Class Honours)
- Specialisations:
  - Security (Certificate of Distinction), Software Engineering, Database, Artificial Intelligence
- Coursework:
  - Programming Methodology I & II, Discrete Structures, Linear Algebra, Calculus for Computing, Statistics and Probability, Data Structures and Algorithms, Computer Organization, Operating Systems, Computer Networks, Artificial Intelligence, Machine Learning, Software Engineering, Information security, Computer security, Cyber security
- NUS Computing Club 20th Management Committee Community Service Cell Member
- Ang Mo Kio Family Service Centre Project Spright Academy Manpower and Logistics IC 2019

### HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

International Summer Exchange Jun-Aug 2019

- CGA: 3.85/4.0
- Database Management Systems, e-Business Management and Web Analytics

### TEMASEK JUNIOR COLLEGE

GCE A-Levels 2013-2016

- Rank Point: 87.5/90
- Took H3 Biology (eligible for top 5% of cohort) 2016
- Vice-President of Guitar Ensemble 2016
- IP Overall Best Student 2015
- Young Defence Scientist Programme Academic Award (Mathematics) 2015
- Edusave Character Award (ECHA) 2014

## Skills

- Languages: Java, C, Python, HTML, CSS, basic C++ and Javascript, Oracle Database SQL
- Tools: Git, Unix, Web Development (Meteor, React), Node.js, Heroku, JavaFX, JUnit, VueJS, Wireshark, Spring Framework

## Experience

### VOUCH SG PTE LTD

Intern Dec 2019-Jan 2020

- Built a new chatbot from scratch for HR claims management
- Refined existing Singapore Zoo's chatbot main features and performed extensive testing
- Implemented a UI/UX feature using Node.js to enhance chatbot developers' user experience

### NATIONAL UNIVERSITY OF SINGAPORE

Teaching Assistant

CS1010 Programming Methodology I: Aug-Dec 2018

- Taught programming concepts and good practices in C
- Prepared and conducted weekly tutorial sessions and graded assignments of 12 students

CP2106 Software Development Project: May-Aug 2019

- Won the Best Adviser Award
- Provided materials, guided and evaluated the progress of 5 teams building web and mobile applications

## Projects

### SAVEMYCAP

Co-Creator May-Sep 2018

- Built a minimalist web app that helps students to set target grades and keep track of their results easily
- Developed using HTML, CSS, Node.js and MongoDB
- Feel free to explore at [savemycap.herokuapp.com](http://savemycap.herokuapp.com)

### KNOW-IT-ALL

Team member Feb-Apr 2019

- Morphed a command line interface addressbook into a flashcard management app for medical students to organise and share their learning material
- Implemented the test session feature using Java and JavaFX
- Applied Software Engineering principles and patterns throughout implementation and wrote detailed documentation
- Check out my project portfolio at [cs2103-ay1819s2-w10-4.github.io/main/team/kerryneer.html](https://cs2103-ay1819s2-w10-4.github.io/main/team/kerryneer.html)

### SOFTWARE DEFINED RADIO LEAKS

Team member Sep-Nov 2019

- Used SDR to sniff wireless transmissions from a keyboard to a computer
- Awarded 1st Prize in NUS School of Computing 15th STEPS - CS3235 Computer Security