



Hi! I am in my penultimate year, intending to specialise in Artificial Intelligence, Security, Software Engineering and Database. Scan the QR code to find out more about me!

Education

NATIONAL UNIVERSITY OF SINGAPORE

Bachelor of Computing (Honours) 2017-2021

- NUS Merit Scholarship Recipient
- CAP: 4.76/5.0
- 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

Singapore-Cambridge 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
- MOE Edusave Scholarship 2014

Skills

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

Experience

NATIONAL UNIVERSITY OF SINGAPORE

Teaching Assistant

CS1010 Programming Methodology I: Aug-Dec 2018

- Programming module taught in imperative language C
- Prepared and conducted weekly tutorial sessions and graded assignments of 12 students

CP2106 Independent 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

- A minimalist **web app** that helps students to set target grades and keep track of their results easily.
- Feel free to explore at savemycap.herokuapp.com

KNOW-IT-ALL

Team member Feb-Apr 2019

- Worked in a team of 5 to morph a command line interface addressbook into a **flashcard management app** to help students organise their learning material.
- In charge of the test session feature
- 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

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



More projects at github.com/KerrynEer