



Kerryneer Eer

FINAL YEAR COMPUTER SCIENCE UNDERGRADUATE

kerryneer.github.io/kerryneer

✉ kerryneer98@gmail.com

in linkedin.com/in/kerryneer98

github.com/KerryneerEer

EDUCATION

NATIONAL UNIVERSITY OF SINGAPORE

BComp (Hons) in Computer Science

Aug 2017 - May 2021

- NUS Merit Scholarship Recipient
- CAP: 4.78/5.0 (*Expected First Class*)
- Specialisations:
 - Security (*Distinction*)
 - Software Engineering (*on track*)
 - Database (*on track*)
- NUS Computing Club 20th MC Community Service Cell Member

HONG KONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

International Summer Exchange 2019

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

TEMASEK JUNIOR COLLEGE

GCE A-Levels 2013 - 2016

- Rank Point: 87.5/90
- Vice-President of Guitar Ensemble
- IP Overall Best Student
- YDSP Academic Award (Maths)
- Edusave Character Award

COURSEWORK

UNDERGRADUATE

- Programming Methodology
- Data Structures & Algorithms
- Database Systems Implementation
- Computer Organization
- Operating Systems
- Computer Networks
- Software Engineering
- Artificial Intelligence
- Machine Learning
- Information & Computer security

SKILLS

LANGUAGES

Java • C • Python • SQL • JavaScript
HTML/CSS

TOOLS

Git • Unix • React • Meteor • Node.js
JUnit • Wireshark • Spring Boot • LaTeX
AWS S3, Lambda, Cloudfront

EXPERIENCE

GOOGLE – SOFTWARE PRODUCT SPRINT

Participant

May - Aug 2020

- Developed industry-aligned SWE skills and received code reviews from Googlers throughout this intensive invite-only program
- Collaborated in a team to design and implement an online multiplayer game using Socket.io, React and Node.js

GOVTECH

Software Engineer Intern

May - July 2020

- Developed and deployed features on Whole-of-Government Application Analytics (WOGAA), providing real-time performance monitoring of >1000 government sites
- Migrated part of platform infrastructure over to Government Commercial Cloud Service platform using AWS S3, Lambda and Cloudfront

SHOPEE

Product Management Intern

Feb - Apr 2020

- Wrote SQL queries doing complex manipulations on large datasets, for analysis of A/B test results to verify Search feature's performance and plan its roadmap
- Increased coverage of users' keywords of the project by at least 53%

VOUCH SG

Account Manager / Developer Intern

Dec 2019 - Jan 2020

- Built a full-fledged chatbot for claims management which Vouch now uses internally
- Refined Singapore Zoo's chatbot wayfinding features and did extensive testing

NATIONAL UNIVERSITY OF SINGAPORE

Teaching Assistant

CS1010 Programming Methodology:

Aug - Dec 2018

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

CP2106 Software Development Project:

May - Aug 2019

- Provided materials, guided and evaluated 5 teams building web/mobile apps
- Won the Best Adviser Award among 50+ other advisers

PROJECTS

SAVEMYCAP

Co-creator

May - Sep 2018

- Built a minimalist web app for students to set target grades and track results
- Self-learned HTML, CSS, Meteor, Node.js and MongoDB

KNOW-IT-ALL

Team Member

Feb - Apr 2019

- Morphed a CLI addressbook into a flashcard management app for medical students to organise and share their learning material
- Implemented using Java and JavaFX, participated in distributed development and applied SWE principles and patterns throughout [project portfolio]

SOFTWARE DEFINED RADIO LEAKS

Team Member

Sep - Nov 2019

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