

# CLARENCE FENG

SOFTWARE ENGINEER

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## PROFESSIONAL SUMMARY

Software Engineer with solid theoretical knowledge and hands-on experience in front and back-end development. I am eager to grow in a position where I am able to manifest a tangible, beneficial impact whilst learning from others and expanding my expertise.

## WORK EXPERIENCE

**Software Engineer Intern** Apr 2020 - present

Intuit Australia

- Communicate regularly with users, engineers and designers to establish requirements
- Develop, test and debug new features for QuickBooks Online, working in ReactJS and Java
- Implement new additions to the QuickBooks Online platform to aid the response to COVID-19

**Academic Tutor** Feb 2018 - present

Education in Motion

- Private tutor specialising in Extension 1 and 2 Mathematics and Physics for Year 12 High School students.
- Contributed to the content development of a proprietary online learning platform, used by over 100 students.

## EXTRACURRICULARS

**Media Director** Dec 2019 - present

UNSW Computer Science & Engineering Society

- Co-lead in design and development for CSESoc's First Year Guide 2020, reaching 1000 students during UNSW Orientation Week.
- Manage & work with a team of 11 to release high-quality podcasts, videos and articles weekly, reaching over 6000 students.

**Team Leader** Sept 2019 - present

Enactus UNSW

- Lead and perform administrative and secretarial duties for a team of 9 students of various disciplines.
- Envision, test and implement solutions to enact a positive impact on the wider environment.

**Secretary** Nov 2019 - present

UNSW PhotoClub

- Create and present interactive tutorials on different photographic forms, reaching up 70 people per week.
- Assist with the administration of a 250-member club.

## ACADEMIC BACKGROUND

### University of New South Wales (UNSW)

B. Computer Science & B. Advanced Science (Honours)  
**87.3 WAM** Jan 2019 - present

Mathematics and Computer Science Major

Highly Commended on 2019 Dean's Honours List  
(Faculty of Engineering, School of Computer Science Engineering)

### Relevant Courses

Vector Calculus & Complex Analysis | 97  
Data Structures & Algorithms | 85  
Software Engineering Fundamentals | 86  
Numerical Methods & Statistics | 88

### Technical Skills

Python (incl. Flask)  
C, Java  
Javascript (incl. ReactJS), HTML, CSS  
SQL (incl. PostgreSQL)

## PROJECTS

### UNSW CSESoc Media Website

Javascript, HTML, CSS

Developed and designed the 2020 CSESoc First Year Guide ([media.csesoc.org.au/first-year-guide-2020/](http://media.csesoc.org.au/first-year-guide-2020/)), using custom HTML, CSS and JavaScript, attracting 1000 clicks over UNSW Orientation Week.

### UNSW CSESoc Degree Planner

Javascript, Python, PostgreSQL

Implemented a degree planner back-end in a team of 9, using JS & PSQL to parse and use database information.

### Messaging Web-App

Python

Developed a locally-hosted Flask messaging app using Python in a team as an assignment for Software Engineering Fundamentals

### Information Indexing and Retrieval System

C

Individually developed an indexing & retrieval system as an assignment for Data Structures and Algorithms