

CLARENCE FENG

SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

Software Engineer with solid theoretical knowledge and hands-on experience in front & back-end development. I am eager to grow in a position where I can 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

- 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 & development for CSESoc's First Year Guide 2020, reaching 1000 students in UNSW Orientation Week.
- Manage & work with a team of 11 to release high-quality podcasts, videos & 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 | **99.20** ATAR Jan 2019 - present

Mathematics and Computer Science Major

Highly Commended on 2019 Dean's Honours List
(Faculty of Engineering)

Relevant Courses

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

Technical Skills Ordered by proficiency

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

PROJECTS

Personal Website

ReactJS, CSS, HTML Apr 2020

Designed & developed a single page React web app to showcase my personal projects and resume. (c-sfeng.github.io/me/)

UNSW CSESoc Media Website

Javascript, HTML, CSS Dec 2019 - present

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

UNSW CSESoc Degree Planner

Javascript, Python, PostgreSQL Mar 2019 - Dec 2019

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

Messaging Web-App

Python Sept 2019 - Dec 2019

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