

CLARENCE FENG

THIRD YEAR UNIVERSITY
STUDENT

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PROFESSIONAL SUMMARY

Maths and Computer Science Major with solid theoretical knowledge and hands-on experience in front & back-end development. I am eager to grow in a position where I can manifest a tangible, beneficial impact whilst learning from others and expanding my expertise.

WORK EXPERIENCE

Software Engineer Intern Apr 2020 - Sept 2020

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
- Built an overview page to aid clients manage their balances, with over 42,000 monthly visits and over 20% user engagement

Casual Academic Feb 2021 - present

University of New South Wales (UNSW)

- Tutor of two weekly classes of over 30 students in COMP6080 Web Front-end Programming (ReactJS, JS, HTML, CSS)
- Content includes: React fundamentals, Front-end testing practices (incl. unit, integration and UI tests) using Jest and Cypress

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

Secretary Dec 2020 - present

UNSW Computer Science & Engineering Society

- Oversee the correspondence, and assist in the administration of a 9,500 member society
- Main developer of a platform which streamlines the editing and distribution of the society's weekly newspaper

Media Director Dec 2019 - Dec 2020

UNSW Computer Science & Engineering Society

- Co-lead in design & development for CSESoc's First Year Guide 2020, reaching 1,000 students in UNSW Orientation Week.
- Manage & work with a team of 11 to release high-quality podcasts, videos & articles, reaching over 9,500 students.

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)
87.7 WAM | 99.20 ATAR Jan 2019 - present

Mathematics and Computer Science Major

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

The University of Sydney

B. Science & B. Advanced Studies (Dalyell Scholar)
80 WAM Jan 2018 - Jan 2019

Mathematics and Physics Major

Relevant Courses

Information, Codes & Ciphers | 98
Vector Calculus & Complex Analysis | 97
Web Front-End Programming | 92
Data Structures & Algorithms | 85
Software Engineering Fundamentals | 86
Extended Introduction to Cybersecurity | 87
Numerical Methods & Statistics | 88

Technical Skills Ordered by proficiency

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

PROJECTS

Personal Website

ReactJS, CSS, HTML Apr 2020 - present

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

UNSW CSESoc SocAnnounce Editor

ReactJS, CSS, HTML Jan 2021 - present

Developing a React web app to streamline the editing and distribution of CSESoc's weekly newspaper.

UNSW CSESoc Media Website

Javascript, HTML, CSS Dec 2019 - Dec 2020

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.