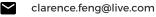
CLARENCE FENG

SOFTWARE ENGINEER







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/), 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

С

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