



## SOFTWARE ENGINEER

### Contact Info



Sydney, Australia



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# JEFFREY SHEN

Results-driven, self-motivated, resourceful software engineer with 5.5 years experience in the tech industry.

I've been:

- Building scalable web, mobile & desktop applications
- Leading teams, mentoring junior devs & architecting features
- Learning and mastering all kinds of languages, frameworks & technologies

## PROFESSIONAL HISTORY

### TEAM LEADER | SOFTWARE ENGINEER

DISPLAYR | JULY 2017 - PRESENT • 3 YRS

Team leader of 6 developers working on a complex Data Science SaaS platform. Ran daily standups, fortnightly sprint retrospectives, and planning meetings.

Technical Achievements:

- Rewrote a core micro service in rust, improving server round trip times from 1s to 100ms
- Built out an onboarding system for new users which provided contextual suggestions and hints

### ALGORITHMS DEVELOPER

NASDAQ | FEB 2016 - JUNE 2017 • 1YR 5MOS

Developed algorithms for detecting suspicious or fraudulent trading activity in Java.

Technical Achievements:

- Created and maintained a Behaviour Driven Design (BDD) test framework using Groovy and Cucumber.
- Built a visualization tool with d3.js for visualising suspicious trading activity.

### MOBILE APPLICATIONS DEVELOPER

IBM | FEB 2014 - FEB 2015 • 1YR

Worked on both native and cross platform mobile apps for IBM's consulting arm.

Technical Achievements:

- Developed an internal native iOS workforce management app for managers to determine whether employees are available for project work.
- Built out an angular.js dashboard for Australian Open staff using onsite transponder data

### TECHNOLOGY INTERN

MACQUARIE BANK | DEC 2013 - FEB 2014 • 3MOS

Migrated a large monolithic java project to use maven and integrated this with CI builds as part of a larger transition to agile processes.

# EDUCATION

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## UNIVERSITY OF NEW SOUTH WALES

B COMPUTER SCIENCE / B ELECTRICAL ENGINEERING (2016)

- Graduated with 1st Class Honours
- Tutor for COMP2041 (Software Design & Construction)

## UNIVERSITY OF CALIFORNIA, LOS ANGELES

EXCHANGE SEMESTER (2016)

# SKILLS

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## FULL STACK WEB DEVELOPMENT

3 Yrs Experience

C#, JAVA, TYPESCRIPT, JAVASCRIPT, REACT, PYTHON, SQL, AZURE, REDIS, DOCKER

## SYSTEMS PROGRAMMING

1 Yr Experience

RUST, C++, C, LINUX

## MOBILE APP DEVELOPMENT

1 Yr Experience

SWIFT, KOTLIN, JAVA, REACT NATIVE

## DATA SCIENCE / MACHINE LEARNING

1 Yr Experience

TENSORFLOW, KERAS, PYTHON, R, THEANO

# REFERENCES

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AVAILABLE ON REQUEST