

Jason Wang

Email: contact@jasonwang.dev

EDUCATION

University of New South Wales | Bachelor of Engineering (Software)

Expected Dec 2019

EXPERIENCE

Quantium | Software Engineer Summer Intern

Nov 2018 – Feb 2019

- Designed and implemented automated unit tests for a major new feature of a distributed ETL system in the Big Data team using Scala, Apache Spark and Apache Hadoop.
- Worked in an agile team to explore automatic attribution of grocery products using image recognition tools and neural networks within a machine learning environment comprised of Docker, Keras, Tensorflow and Azure Cognitive Services.
- Contributed to formal code review, Scrum, and Kanban processes using Jira.

University of New South Wales | Academic Tutor

Jul 2018 – Nov 2018

- Tutored undergraduate and postgraduate classes for Human Computer Interaction.

PROJECTS

Name & Shame NSW | Java, Swift, Python

<https://play.google.com/store/apps/details?id=me.wangjason.nameandshamensw>

- Android and iOS app for the NSW Food Authority 'Name and Shame' list providing a more intuitive way to see which nearby businesses have been fined for food safety offences.
- Published on the Google Play Store reaching 1000 downloads in a week.
- Achieved #1 Trending Food & Drink app and #4 Trending app overall on Google Play.
- Developed Python web scraping backend implementing Google Maps and Firebase APIs.

iRecover@Work | Javascript

- React and Firebase Progressive Web App to help facilitate return-to-work for people with non-serious soft tissue injuries by providing tools to manage their pain and recovery.
- Developing as final year thesis for the UNSW Graduate School of Biomedical Engineering and Sydney Medical School's Chair in Pain Medicine.

Leftovers | Javascript

- React and Firebase Single Page Application that supports users in reducing food waste by providing them with a way to manage their pantries and view recipes from the Yummly API based on ingredients they already have.

LANGUAGES AND TECHNOLOGIES

- Java, Javascript, Scala, Python, C, Swift, HTML, CSS, SQL
- React, Redux, Apache Spark, Apache Hadoop, Keras, Tensorflow, Azure Cognitive Services, Docker, Firebase, Google Cloud Platform
- Git, Jira, Android Studio, Xcode