

# JEFFREY QUAN

SOFTWARE  
ENGINEER

## CONTACT

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## PROFILE

With over 5 years' experience delivering projects end-to-end in the construction industry, I've been in many challenging situations and have thrived on solving complex problems under pressure. I've discovered a passion for software engineering and believe my past experience working with clients and in teams will translate well.

I find great satisfaction in learning something new and applying that knowledge to help others.

## SKILLS

- React
- JavaScript
- Ruby on Rails
- HTML/CSS
- Express + Node.js
- MongoDB + Mongoose

## INTERESTS

- ReactJS Sydney
- Creative Coding Sydney

## KEY PROJECTS

### QUIZY - A MULTIPLAYER QUIZ GAME

- Developed an interactive, multiplayer game with React, Express + Node.js, MongoDB + Mongoose and Socket.io. The app allows a user to host a quiz and many players to join via a PIN.

### TUESDAY.COM - A PROJECT MANAGEMENT APP

- Implemented a complete Rails API with validation and authentication, designed to work well with the front-end.
- Successfully integrated the React front-end with the Rails API back-end, resulting in smooth functionality.
- Collaborated in a small dev team of 3 and supported team members through pair programming.

### MOOVI - A MOVIE DATABASE APP

- Created and deployed a complete app with a Rails front-end and back-end, with robust validation.
- Delivered a CRUD system with 7 models and associations, utilising Ruby on Rails and Bootstrap.

### TIC TAC TOE - MARVEL VS DC

- Created a Marvel vs DC edition of tic-tac-toe using HTML/CSS, JavaScript and jQuery, demonstrating extensive DOM manipulation.

## PROFESSIONAL EXPERIENCE

### CONTRACTS ADMINISTRATOR

Macquarie University | Feb 2017 - Sep 2019

- Delivered over 20 student, research and office spaces while liaising with academic and professional staff.
- Collaborated with consultants, builders and directors to deliver projects within strict timeframes.

### CONTRACTS ADMINISTRATOR

Commercial & Industrial Property | Feb 2014 - Feb 2017

- Awarded over 40 contracts, each up to \$1.5M in value, in a tight programme, while reporting to Directors.

### STRUCTURAL MECHANICS TUTOR

The University of Sydney | Mar 2012 - Jun 2013

- Educated two classes of 30 civil engineering students.

## EDUCATION

### SOFTWARE ENGINEERING IMMERSIVE

General Assembly Sydney | Sep 2019 - Present

### BACHELOR OF ENGINEERING (CIVIL) (HONOURS CLASS I) AND BACHELOR OF COMMERCE (FINANCE)

The University of Sydney | 2009 - 2013

Distinction average