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. While I love working to solve real-world engineering problems, I've found my passion in the software engineering space and look forward to applying engineering principles to create robust and scalable digital solutions.

SKILLS

- React
- Vue
- JavaScript
- Ruby on Rails
- HTML/CSS
- Express
- Node
- MongoDB
- SASS
- PostgreSQL

INTERESTS

- ReactJS Sydney
- Creative Coding Sydney

KEY PROJECTS

NEXUS - A KANBAN BOARD FOR MANAGING PROJECTS

- Built a clone of Trello using Vue, Vuex, Feathers. Vuetify and MongoDB + Mongoose.

QUIZY - A MULTIPLAYER QUIZ GAME

- Developed an interactive, multiplayer game with React, Express + Node, 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 TEAM COLLABORATION 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 REST API, ensuring 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.

EDUCATION

SOFTWARE ENGINEERING IMMERSIVE

General Assembly Sydney | Sep 2019 - Dec 2019

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

The University of Sydney | 2009 - 2013

Distinction average