

Matthew Doonan

Graduate Software Engineer

📍 Auckland, New Zealand

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Work Experience

Brown Paper Bag / From Here

Nov 2023 – Feb 2024

*Summer Internship, Front-End Developer,
Auckland, New Zealand*

- Successfully developed the front-end of 14 responsive web applications.
- Estimated and effectively managed deadlines through continuous communication with managers and staff.
- Collaborated with UI/UX designers to effectively convert website design into code.
- Experienced client meetings to gain insight into business client relationships.

Projects

Reel Ready

Product Approval, Mobile Application

- Currently developing mobile application to grant product permissions to entertainment set designers.
- Managed project deadlines and scope by coordinating with university affiliated third-party client.
- Researched and implemented effective UI design techniques into my own designs on Figma.
- Implementing a back-end API and database to integrate functionality with an external application.

Poker Hand Guide

Computer Vision, Deep Learning, Card Detector

- Designed and created a web application that calculates the players poker hand strength.
- Researched and evaluated computer vision and deep learning techniques for object detection.
- Optimized a YOLO object detection model to achieve 99.5% accuracy in card detection within a range of 20cm.

Saturday.com

Sports Social Media, Web Application

- Collaborated with 7 team members and deployed a website that connects users with their favourite teams.
- Successfully spearheaded the integration of the Garmin watch API into the back end of the application.
- Effectively implemented team policies which improved the teams story pass rate by approximately 70%.

Personal Summary

A highly ambitious, motivated individual with a passion for technology, design, and software. I am an adaptable fast learner with a proven track record of success in team and individual settings. I look forward to making improvements in my professional development through full time employment.

Education

University of Canterbury

Bachelor of Engineering (Software)
2021 – Present

Proficiencies

- Dart
- Java
- JavaScript
- Node.js
- Python
- React
- SQL
- Vue

Skills

- Adaptability
- Agile development
- API gateway
- CI/CD
- Critical Thinking
- Full Stack Development
- Git version control
- Project Management
- Problem Solving
- Time Management
- UI Design