

Yi Lin Lee

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SUMMARY

Full stack web developer coming from a background in mechanical engineering. Completed the Monash University full stack coding bootcamp while working as a Graduate Engineer, meeting conflicting deadlines with time management skills. Demonstrated skills in React, JavaScript, MySQL, and MongoDB through various projects. Passionate about creating meaningful products that bring great value to end users, and dedicated to writing clean, maintainable code. Excited to grow as an engineer, learn new technologies, and be part of a high-performing team.

TECHNICAL SKILLS

Front End:	React, JavaScript (ES6), jQuery, HTML5, CSS3, Responsive Layouts
Back End:	Node.js, Express.js, MySQL, NoSQL, MongoDB
Tooling:	Git, GitHub, Heroku
Software:	Basic Photoshop, SolidWorks, and AutoCAD

PROJECTS

Brainstorm Events | infinite-lowlands-97697.herokuapp.com/ | github.com/y-ilin/Brainstorm-Events

A brainstorming event app that brings your team through 3 timed phases together.

- Responsible for entire project, from project planning and management to development and maintenance. Utilized Socket.io for real-time communication between clients, and useContext for state management.
- Uses React, Socket.io, Mongo.db, Express.js, Node.js, and React-Draggable.

Be Redy | be-redy.herokuapp.com/ | github.com/y-ilin/be-redy

A whiteboarding web app for team brainstorming and idea voting.

- Responsible for finding and researching relevant technologies. Implemented the voting system, working with database relationships to track user voting, and contributed to the user commenting system.
- Uses Express.js, MySQL, Sequelize, Handlebars.js, and Interact.js for drag and drop capabilities.

PROFESSIONAL EXPERIENCE & DEVELOPMENT

Fellow – Startmate

Sep 2020 – present

- Selected from a pool of 600 to join the 100-strong cohort of ambitious women developing a network of supporters within the startup ecosystem. Building meaningful relationships with startup founders and operators across Australia/NZ

Graduate Engineer – McConnell Dowell

Jan 2019 – present

- Designed multiple temporary works designs for construction projects with problem-solving and engineering analysis, leading to their successful implementation on site.
- Investigated engineering solutions and project delivery logistics, calculated resource quantities, and engaged subcontractors for multiple project tenders. Tenders were valued from \$2M-\$230M in hydropower, marine, and rail industries.
- Coordinated delivery of project scopes, managed subcontractors, liaised with clients, organized the procurement of services and goods, and oversaw the quality assurance of construction work.

Advisory – Performance Improvement Intern – *Ernst & Young*

Nov 2016 – Jan 2017

- Engaged in a technology transformation project using business flow mapping and user training to successfully upgrade employee management system.
- Created content for testing and training and organized workshops to increase user acceptance.

Engineering Intern – *BYME Engineering (HK)*

Dec 2015 – Jan 2016

- Audited the schematics, layouts, and schedules for an amusement park tender.
- Assessed resource quantities for HVAC services tenders.

EDUCATION

Monash University Coding Bootcamp

2020

Full-stack Web Development Certificate

6-month bootcamp with project-based learning covering: JavaScript, MERN Stack, MySQL, jQuery, Git, Heroku

The University of Exeter (Exeter, England)

2017-2018

Master of Science in Mechanical Engineering, Distinction

The University of Melbourne (Melbourne, Australia)

2013-2017

Bachelor of Science, majoring in Mechanical Systems