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## Yi Lin Lee

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### SUMMARY

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

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### TECHNICAL SKILLS

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<b>Front End:</b>	JavaScript (ES6), jQuery, HTML, CSS, Responsive Layouts, React
<b>Back End:</b>	Node.js, Express.js, MySQL, NoSQL, MongoDB
<b>Tooling:</b>	Git, Heroku
<b>Software:</b>	Basic Photoshop, SolidWorks, and AutoCAD

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### PROJECTS

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**Be Redy** | <https://be-redy.herokuapp.com/> | <https://github.com/y-ilin/be-redy>

*A whiteboarding web app for team brainstorming and idea voting.*

- Responsible for finding and researching technologies to be utilized. 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.

**Personal Fitness Planner** | <https://github.com/y-ilin/PFP> | <https://bit.ly/2EHH5Z4>

*Create a personalized fitness plan according to your goals and track your progress.*

- Wrote JavaScript to utilize data from a server side API to render users' personalized workout plans onto the app. Built functionality to track completed workouts.
- Uses JavaScript, jQuery, server side APIs, local storage, and Zurb Foundation.

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### PROFESSIONAL EXPERIENCE

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**McConnell Dowell – Graduate Engineer**

**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 and subcontractors, liaised with clients, organized the procurement of services and goods, and oversaw the quality assurance of construction work.

**Ernst & Young, Advisory – Performance Improvement Intern****Nov 2016 – Jan 2017**

- Engaged on a technology transformation project implementing an employee management system.
- Mapped future state processes for the client's upgraded RTA system.
- Created content and organized workshops for user acceptance testing and training.

**BYME Engineering (HK) – Engineering Intern****Dec 2015 – Jan 2016**

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

**EDUCATION**

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**Monash University Coding Bootcamp****2020**

Intensive Full-stack Web Development Program

**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