Yi Lin Lee

yilinlee19@gmail.com | Brunswick East, Melbourne VIC 3057 | 0403 828 226
linkedin.com/in/yi-lin-lee | www.yilinlee.com | github.com/y-ilin

SUMMARY

Full stack web developer coming from a background in mechanical engineering. Undertook the Monash University full stack web development bootcamp while working full time as a Graduate Engineer, meeting conflicting deadlines with time management skills. Demonstrated skills in jQuery, HTML, CSS, and responsive layouts through various projects. Big on minor details and believes in less is more. Passionate about creating meaningful products and features 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.

TECHNICAL SKILLS

Front End:	JavaScript (ES6), jQuery, HTML, CSS, Responsive Layouts, Flexbox, CSS Grid
Back End:	Express.js, Node.js, MySQL, MongoDB
Tooling:	Git, Heroku
Software:	Basic Photoshop, SolidWorks, and AutoCAD

PROJECTS

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 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.

PROFESSIONAL EXPERIENCE

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.
- Monitored delivery of project scopes and subcontractors, liaised with clients, coordinated the procurement of services and goods, and oversaw the quality assurance of construction work.
- 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.

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

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