Jennifer Lai

Web Developer

CONTACTS

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TECHNICAL SKILLS

Strong

JavaScript ES5, ES6, jQuery, OOP, ReactJS, HTML5, CSS3, Sass, AJAX, Axios, JSON, MySQL

Experienced

PHP, Node.js, REST API, Redux, Bootstrap 3/4, MaterializeCSS, Flexbox, Apache2, AWS EC2 S3, Regex, Firebase

Tools & Methodologies

Git, GitHub, Chrome Developer Tools, Agile Methodology, MAMP, GIMP, MeisterTask, Postman, Figma, DB Designer, VS Code

EDUCATION

The University of Sydney
Bachelor of Science (Honours), Pharmacology

LearningFuze Accelerated Web Development Program
- Committed over 70 hours of programming per week
- Learned to develop applications in a dev team environment

APPLICATIONS DEVELOPED

Myster Travel [Live | GitHub]
- A mobile/desktop application built to allow the user to record, review and share experiences while traveling
- Responsible for server-side backend written in **PHP** to transfer data between a **MySQL** database and frontend **Axios** requests
- Produced a single page app using **ReactJS** and **Redux** and styled with **Sass** and **Bootstrap4** to create a responsive design
- Integrated **AWS S3** for image hosting and Google Maps **API**
- **Git**, **GitHub** to combine team effort and version control the project
- Applied **agile methodology** to break down ideas to small workable featuresets and prioritize tasks to keep the team focused
- **MeisterTask** to keep track of tasks and deadlines

We Only Get One Planet – 48-hour Hackathon [Live | GitHub]
- An application designed to share local clean up events in hope to inspire people to take part in reducing litter
- Integrated 4 **REST APIs**, Eventbrite, Mapbox, OpenWeather, and NewsAPI to provide the user with clean up events
- Used **OOP JavaScript** to coordinate responses from **AJAX** requests and **jQuery** to display dynamic data on the DOM
- **HTML5**, **CSS3**, and **Bootstrap4** to structure a responsive design

Grocery List [Live | GitHub]
- A content management system (**CMS**) to include all CRUD functions that enables the user to read, add, update and delete grocery records from a database
- Written in **ReactJS** and styled using **Sass** and **MaterializeCSS** to build a modern, interactive design with mobile responsiveness
- Constructed a **Node.js** server to serve **JSON** data in response to **Axios** requests to a **MySQL** database

PROFESSIONAL EXPERIENCE

Web Developer Intern

Parapxl Corp   Jul 2019 to Present
- Develop a business application with **ReactJS** and **Firebase** to create a real-time wallboard content management system (**CMS**)
- Generate a wireframe plan to blueprint design and functionality
- Communicate with business owners for planning requirements

Research Associate

The University of Sydney   2014 to 2018
- Developed strategies to organize biological data and analyze biological changes through application of variance statistics
- Involved in a cross-laboratory collaboration project to validate theories through design of creative experimental techniques