

# Jennifer Lai

Web Developer

## CONTACTS

Orange County, CA

M: (949)-281-6277

Email: [iclai.work@gmail.com](mailto:iclai.work@gmail.com)

LinkedIn: [linkedin.com/in/jen-icl](https://www.linkedin.com/in/jen-icl)

GitHub: [github.com/jen-icl](https://github.com/jen-icl)

Portfolio: [jen-icl.com](http://jen-icl.com)

## TECHNICAL SKILLS

### Strong

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

### Experienced

Node.js, REST API, Sass, Redux, Bootstrap3/4, MaterializeCSS, Flexbox, Apache2, AWS EC2 S3, Regex

### 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

## INTEREST

I enjoy travelling to explore and experience different cultures. Allows me to challenge myself and move out of my comfort zone.

## APPLICATIONS DEVELOPED

### *Myster Travel* [ [Live](#) | [GitHub](#) ]

- A mobile/desktop application built to allow the user to plan for an upcoming trip and record experiences while traveling
- Responsible for server-side backend written in **PHP** to bridge connection between **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 inform the user about 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 for various screen sizes

### *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 **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

### 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
- Attentive to observe minor biological changes and constantly problem solving to overcome processes that impede progression
- Communicated with students through leading small group discussions to resolve misinterpretation of confusing topics
- Picked up a dormant project that was unsuccessfully attempted over 8 months by a previous lab member and successfully produced the product with high yields