

# Lawrence Liu

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**Visa:** 485 graduate working visa, PR application submitted.

**Address:** Burwood, Sydney. Reallocation accepted.

**Portfolio:** [yelinliu.com](http://yelinliu.com)

## PROFESSIONAL SUMMARY

I am a **developer** with 2 years of software development experience. Besides, I have the working experience as a **project manager** working at tech startup company. I am very interested in e-commerce development as I am starting my own ecommerce shop. My technical stack involves:

- Language: Javascript, **Typescript**, HTML, **Python**
- Front End: React, Redux, **Next.js**, CSS, SASS, LESS, Bootstrap, Material UI, Postman, Responsive Designs, jQuery, **RESTful** API
- Back End: **Node.js**, Express
- UI/UX: **Figma**, Adobe Creative Suite, Axure
- Version Control: **Git**, **Github**
- Agile development: Jira, Miro
- Database: SQL

With the software development experience, I possess the necessary skills to **enhance** and **maintain** applications. I have an eye for **good designs** and care about the details. With my experience working as a project manager, I have developed good **collaboration** and **communication** skills. I can work both independently or collaboratively. Besides, I am extremely adaptive and I am a fast learner who can work closely with stakeholders to improve working flow.

## EXPERIENCE

FULL STACK DEVELOPER INTERN | 04/2023 to present

LYRA EDUCATION - SYDNEY, NSW

## Situation:

Lyra Education sent a solution Architect and a full-stack developer intern to fulfil a client's request on [freelancer.com](https://www.freelancer.com). The client sought a web developer to create a website with Asana-like features, specifically the ability for multiple users to collaborate on a Kanban.

## Task:

Built an Asana-like team collaboration Kanban tool for small team internal usage.

## Action:

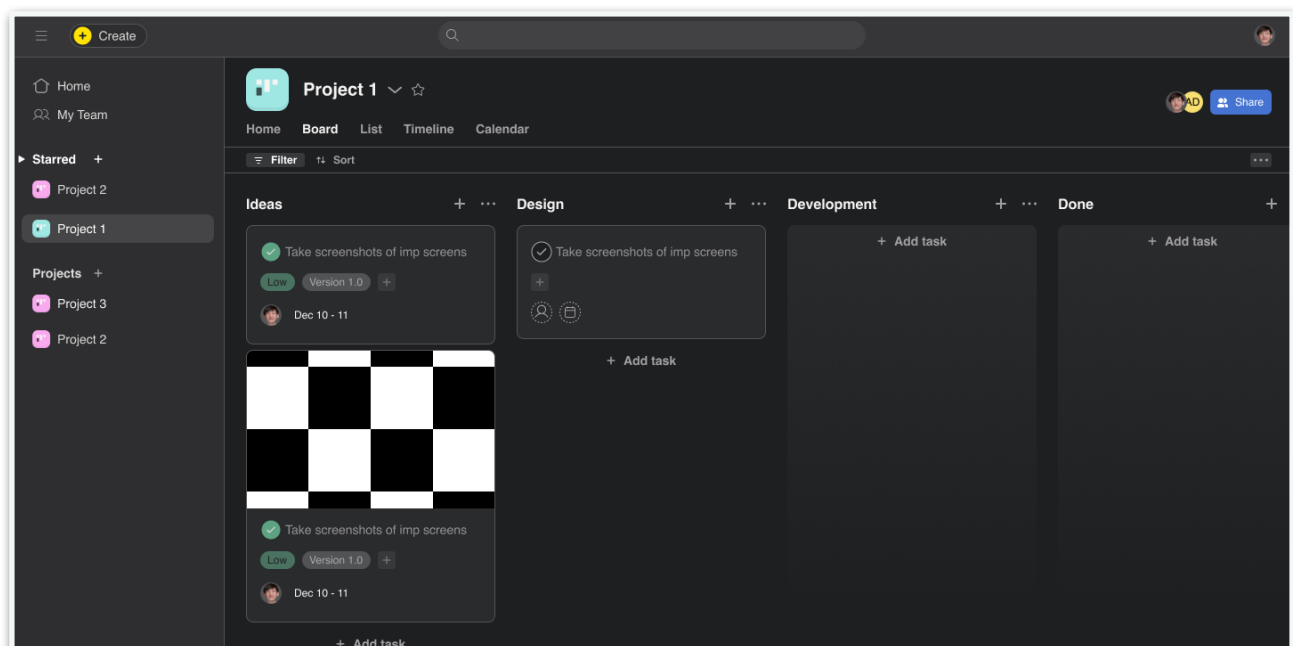
The design of lasana was made using **Figma**, project management was conducted through **Jira**. On the frontend side, the lasana project adopted **React SCSS, MUI** and **Redux** using **Redux thunk** to fetch the data. Used **RESTful API**, documented and tested by **Postman** from a backend built on **Nest.js**, submitted to **GitHub**. Used **Git** for version control. Used **Microsoft Azure** for **CI/CD**.

## Result:

Over 4 months, I gained experience in implementing SPA using the React ecosystem from scratch to deployment and practising agile development methodology by completing a Kanban tool with both frontend and backend. This allowed me to solve problems and **debug** programs daily, reducing the amount of training time needed for me to join a software engineering team.

Demo: <https://agile-project-manager.now.sh/home>

### ( THE DASHBOARD UI OF IASANA PROJECT )



## UX DESIGNER & PROJECT MANAGER | 08/2020 to 01/2023

**DATAREACHABLE - SYDNEY, NSW**

### **Situation:**

Datareachable, a tech startup, aimed to develop the next-generation CEM SaaS. The founder, equipped with marketing research knowledge and experience, sought to transform his ideas into practical applications.

### **Task:**

Developed and created a SaaS platform from the ground up. I worked alongside a team of over 20 software engineers to carry out agile development.

### **Action:**

I was responsible for creating most of the company's visuals through the use of **Figma**, also designed the platform from scratch to a public-facing version and managed 5 product lines. I applied **agile methodology**, design sprints, brainstorming sessions, and **scrums**. Additionally, I hosted stakeholder meetings, stand-up meetings, and retrospective meetings.

### **Result:**

The documentation for all **5** product lines was consistently updated, ensuring that all production versions of the modules were launched on schedule. In addition, I designed more than 100 **user flows**, conducted **user experience evaluations** of all 5 product lines, hosted over 10 **remote meetings** weekly, and authored 53 **technical blogs** that were published. The combination of **UX design** and effective **communication** skills can aid the team in achieving better outcomes.

website: [www.datareachable.com](http://www.datareachable.com)

## WEB DEVELOPER INTERN | 04/2020 to 08/2020

**JR ACADEMY - SYDNEY, NSW**

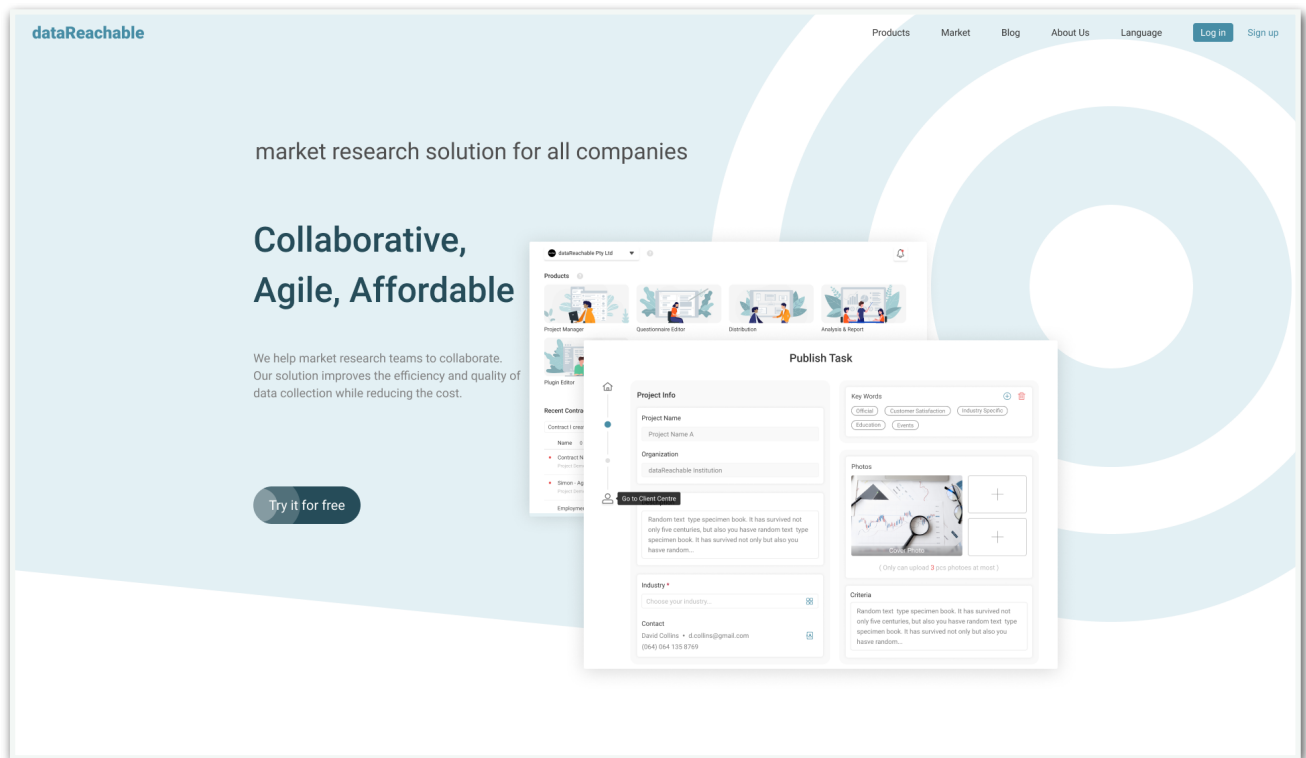
### **Situation:**

JR Academy is a coding bootcamp that trains full-stack web developers. In this bootcamp, the trainee is required to build two personal projects and one collaborative large project.

### **Task:**

Built full-stack web applications to demonstrate skills in web development.

## ( LANDING PAGE OF DATAFREACHABLE OFFICIAL WEBSITE V0.5.12 )



### Action:

Built a weather SPA, adopting weather APIs, using **React** as front end library.

Built the 1.0 version of my portfolio website using **React, MUI, and SCSS**.

Built a collaborative project Agilo, using **React, Redux, Storybook, React Router**, using **RESTful API design**, and **Firebase** as the backend, The project was deployed using **AWS S3**.

### Result:

Gained experience in implementing SPA using the React ecosystem. Practised teamwork and collaboration through the bootcamp.

## RESEARCH ASSISTANT | 04/2019 to 04/2020

### UNIVERSITY OF WOLLONGONG - WOLLONGONG, NSW

### Situation:

The professor at the University of Wollongong needed a research assistant to help him with constructing academic websites, conducting data entry of the *Metamorphic Testing Database*, and assisting with research activities such as data collection, testing and paper publishing.

### Task:

Used web development skills to assist the professor with constructing the academic website.

## Action:

Built the METWIKI website's front end with **Javascript, CSS3, and HTML5**.

Built a testing tool called MTKeras using **Python**.

## Result:

Contributed 300+ pieces of MT data and assisted in building the website

<http://www.metwiki.net/>

Published a conference paper and journal paper on IEEE.

Gained experience in conducting academic research. The ability of conducting research can help the team with solving problems in creative ways.

## AWARDS

### 1st Prize in JR Coding Bootcamp

#### 2020 JR ACADEMY

The JR Coding Bootcamp awarded the first prize to a group project completed within a month's time. The project was successfully delivered through **teamwork** and **agile project management**. Clear rules and goals were established among team members to ensure the delivery of clean code, resulting in a successful outcome. The final product was purchased by a client, proving its **commercial viability**. I contributed over **30%** of the codebase and acted as the scrum master for this project.

### International Postgraduate Tuition Award

#### 2019-2020 UNIVERSITY OF WOLLONGONG

As a result of implementing innovative techniques to establish a testing framework and contributing to research, I was honored with the international postgraduate tuition award and invited to speak at the IEEE conference. This achievement serves as evidence of my proficiency in **communicating** and conducting research using creative methods.

## EDUCATION

University of Wollongong - Wollongong, NSW | Master of Philosophy in Computer Science  
**GRADUATED IN 2022**

Monash University Caulfield Campus - Caulfield East, VIC | Master of Design  
**GRADUATED IN 2018**