

Yelin Liu

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Portfolio Website: yelinliu.com

Blog: <https://medium.com/@yelinliu>

PROFESSIONAL SUMMARY

Summary: I am a **Fullstack developer** and **UI/UX designer** with 2 year+ web development experience. I live in Sydney, but I can be reallocated to work in all Australia. I have **full working right** and I **don't** need employer's sponsorship.

My Strength: As a generalist with experience in **UX design, project management, academic research** and **full-stack web development**, I have developed a versatile skillset that allows me to approach problem-solving with both technical and creative thinking. I excel at communicating complex technical concepts to non-technical individuals through the use of **storytelling** techniques, making it easy for everyone to understand. With my broad range of skills and expertise, I am confident in my ability to take on any challenge and deliver results that exceed expectations.

Personal Goal: My personal goal is to become a versatile senior software developer with a knack for smooth experiences who can make a genuine social impact with my work in 5 years.

Technical Stack:

- *Digital Marketing:* Have general knowledge about Martech such as **CRM, CEM** and concepts in digital marketing field like **CPM, CPC, CPA**. Have the working experience of using **marketing research tools** like **Comfirmiit, Qualtrics**, and analytical tools such as **Google Analytics** and **Adobe Analytics**.
- *Language:* 3 year+ experience of **Javascript**, 1 year experience of **Typescript**, can use **Python, C#** and **Php**.
- *Front-end:* 2 year+ **React, Redux** experience. Familiar with **MUI, Bootstrap, Redux toolkit, Redux thunk, Storybook, ESLint**, etc. Can use **Next.js** to develop fullstack application. Can use **Wordpress** and edit **Wordpress theme**, and use SSG like **Hexo, Jekyll**.
- *Back-end:* 1 year experience with **Node.js**, familiar with **MVC**, can use frameworks like **Express.js, Nest.js**. API Testing tool such as **postman**.
- *Database:* can use **SQL** and DBMS like **MySQL, POSTGRES**, can use object relation mapping package like **TypeORM**. Can also use NoSQL database like **MongoDB**.
- *Version control:* **Git, Github**.

- *Cloud*: can use **Microsoft Azure** and **AWS CI/CD** with **Github Action**.
- *Team collaboration*: can use **Asana**, **Slack**, **Microsoft Team**, **Discord**. Have rich remote working experience.
- *Testing*: Have experienced with **Jest** unit testing and **Storybook** auto testing.
- *UI/UX design*: Can create multimedia design, using tools such as **Figma**, **Photoshop**, **Sketch**, **Illustrator**, **Premiere**, **Final Cut**, **Axure**, etc. Understand design principles.
- *Project management*: Can run design sprint workshop, write **PRD** and **technical blogs**. Have experience about **Scrum** and **Kanban**. Have working experience **communicating** and **collaborating** with engineers and stakeholders. Using Project management system like **Jira**, **asana**. Can properly use team collaboration workspace like **Jira Confluence** and **Microsoft sharepoint**.

WORK HISTORY & PROJECT EXPERIENCE

FULLSTACK DEVELOPER INTERN | 04/2023 to current
Lyra Education - Sydney, NSW

website: yelinliu.com

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

- Developed portfolio to showcase coding ability, using **React**, **SCSS**, **vanilla JS**.
- Developed an asana-like project management project using **Typescript**, **React**, **Redux Toolkit**, **SCSS** for front end, **Storybook** for component testing, **MySQL** to manage database, used **Postman** to design and test **Restful APIs**, implemented backend with **Nest.js**.
- Conducted code management and collaborated with other developers using **git** and **github**
- **CI/CD** using **Github Action** and deployed on **Azure storage**.
- Designed the project using **Figma** and applied **Material Design principles** to create good design.
- Wrote **tech specs** for the project and drew **ERD** to conduct data modeling.
- Maintained code quality using **ESLint**, **Prettier**, **Lint staged**, **Huskey**.
- Tested with **Jest** and **storybook**.

UX DESIGNER & PROJECT MANAGER | 08/2020 to 01/2023
DATA REACHABLE - Sydney, NSW

website: www.datareachable.com

Datareachable.com is a data asset management SaaS platform based on survey data collection.

- Worked with the front-end development team to deliver enterprise-level code using the **React Redux** tech stack and managed the front-end assets using **storybook**.
- Participated in technical discussions such as **data modeling**, technical issue solving, etc.

- Collaborated with the UI/UX design team (3 UI designers and 3 UX designers) to create a **design system** from scratch and design user interfaces and user flows on Figma that delivers the product line for the data-reachable SAAS platform.
- Collaborated with front-end and back-end teams using **Miro**, **Asana**, and **Figma** to host stakeholder meetings, stand-up meetings, and retrospective meetings to solve problems and collaborate with developers.
- Wrote business proposals to clarify business vision and product strategies.
- Wrote tech specs to clarify product features.

SURVEY SCRIPTER | 07/2020 to 08/2020

EKAS - Sydney, NSW

- Wrote Javascript scripts for survey platforms such as Comfirmat and Qualtrics to customize forms and surveys for data collection.
- Conducted survey programming and scripting.
- Used Asana, Slack, Github Team as the agile scrum tool and participated in agile development team collaboration.
- **React.js**, **React hook**, **React Storybook** to create reusable front-end components.
- **Redux**, **Redux Devtool**, **React router**, **Redux thunk**, **React-redux** to compose the components into a single page application.
- Use **Node.js** and **Koa.js** framework to make the application backend. Write **CRUD** function for the RESTful API.

WEB DEVELOPER INTERN | 04/2020 to 07/2020

JR Academy - Sydney, NSW

Project Agilo

- Used **Asana**, **Slack**, **Github Team** as the agile scrum tool and participate in agile development team collaboration.
- Used **React.js**, **React hook**, **React Storybook** to create reusable front-end components.
- Used **Redux**, **Redux Devtool**, **React router** to compose the components into **single page application**.
- Used **Node.js** and **Koa.js** framework to make the application backend. Write **CRUD** function for the **RESTful API**.
- Developed the project on **Linux Ubuntu 16.04** operating system.
- Used **AWS S3** to deploy the project.

Project City Weather

- Wrote **React component** to create reusable front-end components.
- Used Open Weather and Unsplash **RESTful API** to fetch data.
- Used **Material Design** icons to decorate the single page application.
- Used **AWS S3** to deploy the project.

RESEARCH ASSISTANT | 04/2019 to 04/2020

University of Wollongong - Wollongong, NSW

Project MTKeras (<https://www.youtube.com/watch?v=Egjn0FffJjU>)

- Create and manipulate multimedia digital content by using image manipulating tools (**Adobe Photoshop**, **Illustrator**, **Indesign**) and video editing tools (**Adobe Premiere**) for academic presentations and websites.
- Use **HTML5**, **CSS3**, and **JavaScript ES6** to build interfaces for academic websites.
- Use **Selenium** to conduct security test on multiple websites, for research activities.
- Create a testing framework using **Python** for testing.

Project METWIKI (<http://www.metwiki.net/>)

- Assisted senior researchers in developing proposals and strategies for web-based interactive items, multimedia digital products, and APP appliances for academic usage.
- Monitored the operation of in-use contents to detect and diagnose the limitations and deficiencies.
- Tested, examined, and generated adjustments to correct errors and enhance the performance of computer programs.
- Conducted research activities including data collection and database management.
- Collaborated with other specialists in the network and IT-related industry to discuss and analyze any issues detected during design, development, and operation stages such as website security, website backup, and recovery.

ARCHITECT | 10/2011 to 4/2016

ShenZhenZhongTai Design Institution - Nanchang, China

- Designed multimedia presentation by using **Photoshop**, **Illustrator** and **Indesign**.
- Communicated with clients from different backgrounds

EDUCATION

University of Wollongong - Wollongong, NSW | Master of Philosophy in Computer Science

Graduated in 2022

- Received **Faculty Scholarship**
- Received **International Postgraduate Tuition Award**

Monash University Caulfield Campus - Caulfield East, VIC | Master of Design

Graduated in 2018

- Complete coursework in **UX/UI design, web development**

Nanchang University North Area - Nanchang | Bachelor of Architecture

Graduated in 2011

AWARDS

International Postgraduate Tuition Award

2019-2020 University of Wollongong

Engineering and Information Science Faculty Scholarship

2019-2020 University of Wollongong

1st Prize in JR Coding Bootcamp

2020 JR academy

REFEREES

Patrick Zhao - Solution Architect at McMillan Shakespeare Group
patrick.zhao1989@outlook.com

Lightman Wang – Founder & CEO at JR Academy
lightmanwang@gmail.com

Frank Su - Co-founder & CDO at Datareachable
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