

Yilang (Leon) Wu

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https://github.com/Leon-wyl

SUMMARY

- Recent graduate of Bachelor of Engineering (Software) (Honours) degree.
- Result-oriented, and passionate front-end developer proficient in JavaScript, TypeScript and React, with some experience in Vue.
- Over one year of working experience in web front-end development.
- Self-motivated learner who is excited about embracing and utilising new technologies.

TECHNICAL SKILLS

Programming Language: HTML, CSS, JavaScript, TypeScript, Python, Shell Scripting, SQL.

Framework: React, Ant Design, MUI (Material UI), Axios, Redux, Zustand, Tailwind, Next.js, Express.js, Bootstrap, Vue, Pinia, Vuex, Element Plus, Flask, Cypress, UmiJS.

Tool & Software: PostgreSQL, SQLite, MongoDB, Git, Jira, Confluence, Heroku.

Language: English, Mandarin, Cantonese.

EDUCATION

Bachelor of Engineering (Honours) (Software)

Feb 2020 - Dec 2023

University of New South Wales

Sydney, NSW

- Honour Level: Honour Class 1
- Related courses: Algorithms and Programming Techniques [HD/94], Computer Networks and Applications [HD/91], Neural Networks and Deep Learning [HD/87], Web Front-end Programming [HD/85], Data Structures and Algorithms [HD/85], Software as a Service Project [DN/83], Big Data Management [DN/81]

High School Certificate

Feb 2018 - Dec 2019

Canberra College

Phillip, ACT

- Achieved an ATAR of 94.8.
- Achieved High Distinction in Australian National Chemistry Quiz, Distinction in Australian Mathematics Competition.

RELEVANT EXPERIENCE

Intern Frontend Developer

May 2023 - Jun 2023

Tencent

Shenzhen, China

- Contributed to the developments of the internal tools for labeling content on Tencent's social platforms and a component in Tencent's internal CRM system.
- Developed and debugged labelling templates and implemented other front-end features of internal systems.
- Technical stack: Vue2, Element UI and Vuex for labelling system; Vue3, Element Plus and Pinia for internal CRM system.

Intern

Dec 2022 - Mar 2023

InterSystems Australia

Sydney, NSW

- Leveraged VMware WorkStation Pro to localized the company's server-based automated testing platform to Windows operating systems for the Quality Management Team.
- Enabled communication amongst the virtual machines and the local machine using Windows Command-line Management Tool and Windows Task Scheduler.
- Modified the front-end and back-end of the task allocator of the testing system for localization using HTML, CSS, JS and ObjectScript (InterSystem's programming language).

Software Engineering Intern (Frontend)

Jan 2022 - Dec 2022

Joidea Group

Sydney, NSW

- Developed several major frontend functionalities and UI/UX related features in a university student social platform.
- Technical Stack: ReactJS, Umijs (a React production framework similar to Next.js), LESS and Ant Design.
- Assisted in the training program of the company by acting as distinguished representative to share technical knowledges and experience with new interns.
- URL: <https://members.mygrowth.community/>

RELEVANT PROJECT

leonyilangwu.com

Individual Project

- A developing personal portfolio website that briefly introduce myself.
- Technical stack: ReactJS, Next.js, Tailwind and Framer Motion to implement animations.
- Deployed using Netlify. URL: leonyilangwu.com
- Repository: <https://github.com/Leon-wyl/Leon-wyl.github.io>

AirBrB

Web Front-end Programming UNSW

- The frontend of a simpler version of Airbnb with the functionalities of posting, editing, deleting, viewing, searching, booking and unbooking of host listings.

- Technical Stack: ReactJS, Ant Design, React Context, and Cypress to perform End-to-End testings.
- Integrated Google Map API.
- Github repository: <https://github.com/Leon-wyl/AirBrB>.

Student Internship (InternHub)

Software as a Service Project, UNSW

- Implemented a front-end back-end separated student internship platform, in a group of six.
- Technical Stack: JavaScript, React and MUI (Material UI) for front-end; Python, Flask, PostgreSQL and SQLAlchemy for back-end; Jira and Confluence for project managements.
- Planned and led regular scrum meetings and stand-ups, created and modified backlogs, smoothened the communications between frontend and backend team as the Scrum master.
- Git repository: <https://github.com/200OK-Forever/student-internship>

FoodOrderingApp

Individual Project

- Implemented a front-end of a food ordering web app using React framework.
- Utilised React Context to manage states, and React Portals to create modals.
- Deployed using Netlify. URL: <https://splendid-bavarois-4551cb.netlify.app/>

Simplee Invoice

Requirements and Design Workshop, UNSW

- Implemented an e-invoice storage system with the functionalities of uploading, downloading, listing, filtering and sending UBL 2.1 standard e-invoices.
- Technical Stack: JavaScript, React, Ant Design for frontend; Python Flask, SQLAlchemy and PostgreSQL for back-end.
- Front end repository: <https://github.com/Leon-wyl/E-Invoice-Storage-Frontend>; Back end repository: <https://github.com/H17A-Honeycomb/seng2021>

VOLUNTEER EXPERIENCE

Frontend Developer

Oct 2023 - Present

UNSW IT Creation Society

Sydney

- Developing part-time job seeking web application of the society.
- Co-lead a 6-people frontend development team; organized weekly meetings and code reviews.
- Communicated and coordinated with other teams, including backend, UI/UX and product management teams.
- Technical stack: TypeScript, React.