

Yilang (Leon) Wu

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Github: <https://github.com/Leon-wyl>

CAREER PROFILE

- Final year distinction average student persuing a degree of Bachelor of Engineering (Honours) (Software).
- Proficient in React technical stack, capable to use Ant Design and Material UI framework to individually develop front-end web applications.
- Has solid experience in Vue technical stack (Vue3: Element Plus and Pinia; Vue2: Element UI and Vuex).
- Eager to learn and practice different programming language and frameworks, interested in acquiring knowledges in different knowledge fields.
- Hope to become an outstanding front-end engineer in the future.

EDUCATION

Bachelor of Engineering (Honours) (Software) Feb 2020 - Dec 2023
University of New South Wales Sydney, NSW

- Current WAM : 79.854 / 100 [DN]
- 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], Data Service Engineering [DN/76], Database Systems [DN/75], Object-Oriented Programming [DN/75].
- Societies: UNSW Chinese Creative Art Club, UNSW CSESOC

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

- Worked at Technical Architecture Department of WXX (Weixin Group).
- Participated in internal tools development of iLabel (an internal labelling system for labelling the contents in social platforms developed by Tencent) and iAudit (a component embedded in the Tencent internal CRM system).
- Created labelling templates and implemented other front-end features using Vue technical stack (Vue2, Element UI and Vuex for iLabel; Vue3, Element Plus and Pinia for iAudit).

Software Engineering Intern (Frontend) Jan 2022 - Dec 2022
Joidea Group Sydney, NSW

- Involved in the development of a online social platform which creates diversified communication channels amongst university students. URL: <https://members.mygrowth.community/>
- Paticipated in development of UI/UX related features using React, Umijs (a React production framework similar to Next.js), LESS and Ant Design UI framework.
- Assisted in the training program of the company by acting as distinguished representative to share technical knowledges and experience with new interns.

Intern Dec 2022 - Mar 2023
InterSystems Australia Sydney, NSW

- Localized the company's server-based automated testing platform to a local (Windows) environment for the Quality Management Team.
- Modified the front-end and back-end of the task allocator of the testing system for localization using HTML, CSS, JS and ObjectScript (the company's proprietary programming language).
- Enabled communication between the virtual machines and the local machine using WMIC (Windows command-line management tool) and Windows Task Scheduler.

RELEVANT PROJECT

leonyilangwu.com Aug 2023 - Present
Individual Project Sydney

- A developing personal porfolio website that briefly introduce myself.
- Technical stack: ReactJS, NextJS, Tailwind and Framer Motion to implement animations.
- Website: leonyilangwu.com
- Repository: <https://github.com/Leon-wyl/Leon-wyl.github.io>

AirBrB Oct 2022
Web Front-end Programming UNSW Sydney, NSW

- Using React and Ant Design, implemented a much-simpler version of Airbnb.
- Implemented features of creating/editing/deleting/posting of host listings, searching and viewing of listings with multiple filters, book and unbook of a listing, by using useState, useEffect and useContext hooks.
- Integrated Google Map API and Open Weather Map API as a bonus, to make the web app more useful.
- Github repository: <https://github.com/Leon-wyl/AirBrB>

- Achieved 89/100 marks.

FoodOrderingApp

Sep 2022 - Sep 2022

Individual Project

Sydney, NSW

- Implemented a front-end of a food ordering web app using React framework.
- Used React Portals to implement the cart modal and used React Context to manage states. A range of hooks is also used in this project (useState, useEffect, useRef, useReducer and useContext).
- Deployed using Netlify: <https://splendid-bavarois-4551cb.netlify.app/>

Simplee Invoice

Mar 2022 - Apr 2022

Requirements and Design Workshop, UNSW

Sydney, NSW

- This project implemented an e-invoice storage system using a variety of technologies.
- Using JavaScript, React Ant Design UI library and other skills and tools to implemented functionalities of uploading, downloading, listing, filtering and sending UBL 2.1 standard e-invoices.
- Implemented the back end API using Python, Flask, SQLAlchemy and PostgreSQL database.
- Front end repository: <https://github.com/Leon-wyl/E-Invoice-Storage-Frontend>; Back end repository: <https://github.com/H17A-Honeycomb/seng2021>

ADDITIONAL EXPERIENCE

Intern - Work Experience Programme

Apr 2019 - Apr 2019

Seeing Machines Ltd

Fyshwick, ACT

- Annotated frames of eye blinking behaviour of drivers.
- Operated tests for the products that had not been released.
- Practised programming skills in Python.

Intern

Jan 2020 - Jan 2020

Guangzhou Yuexiu Xingye Real Estate Agent Co, Ltd.

Guangzhou, Guangdong

- Organized more than 3000 archives of real estate contracts from more than 10 different housing estates, as well as sorting and archiving them.
- Recognized by leaders of lines of business and received the invitation of next internship.

Grocery Team Member - Work Experience Program

Apr 2018 - Apr 2018

Coles Supermarket Pty Ltd

Phillip, ACT

- Stocked and cleaned grocery shelves, frozen and dairy cases and maintained back stock in good order.
- Provided good customer service, answered customers' questions about products positions, prices and availability.
- Assisted with updating the prices of goods by renewing price tickets punctually.

Teaching Assistant

Jan 2020 - Jan 2020

China Bestudy Education Group

Guangzhou, Guangdong

- Marked quizzes for about 20 primary school students every day. Tutored in mathematics one-on-one in order to ease the burden on teachers during classes.
- Gave feedback to students' parents about their quizzes results and in-class performance using WeCom every day after class.
- Recognized by teachers and received invitation for next internship.

VOLUNTEER EXPERIENCE

Director of Sponsorship Subcommittee

Mar 2022 - Dec 2022

UNSW Chinese Creative Art Club

Sydney, NSW

- Communicated with external organizations (other university societies, small business, companies, etc) for cooperation and sponsorships.
- Led a team of four, planned and organized multiple handcraft workshops of 30+ participants.
- Organized regular subcommittee meetings and tasks allocation.
- Interviewed 20+ prospective sponsorship subcommittees.
- Participated in the society website design.

Student Volunteer

Feb 2017 - Feb 2017

International Education Unit - ACT Education Directorate

Canberra, ACT

- Assisted with recruitment of host families for international students by introducing the homestay program to people during Multicultural Festival.

TECHNICAL SKILLS

Programming Language: HTML, CSS, LESS, JavaScript, TypeScript, Python, Java, C, Shell Scripting, SQL, Perl, Haskell.

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

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

Language: English, Mandarin, Cantonese.