Yiwei Wu

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Summary

A highly motivated frontend developer with one year of experience building web applications using React, Next.js, JavaScript, CSS, HTML, Styled Components. Proficient in modern JavaScript and well-versed in agile development methodologies. Seeking a challenging role at a forward-thinking company where I can continue to learn and grow as a developer.

Employment

Frontend Developer   **2022.09 - present**

CarryU Pty, Ltd, Sydney

- Tools and Technologies Used:
- **React**, **Next.js**, **Styled Components, JavaScript (ES6+), HTML, CSS, Git, Storybook, Sanity**.
- Key Responsibilities:
- Developed multi-functionalities for an interactive, accessible platform using HTML, JavaScript, React, Next.js, storybook, styled components, Git and Sanity.
- Implemented various third-party libraries such as **Material UI, Lodash**, and others.
- Built various popular, usable and customisable **Web Components** like Accordion, Carousel and more.
- Collaborating with a senior developer, a designer, and a scrum master within an agile team involves working together to achieve common goals and deliver high-quality software.
- Collaborating with designers transforming creative designs from Figma into web components and applications.
- Working in short sprints to deliver functional software in increments, allowing for continuous feedback and adjustment. This approach emphasizes collaboration, communication, and the ability to adapt to change.
- Working in an **Agile** environment using **Slack** and **Trello** as workflow management tools with dev team, designers and scrum master.
- Designed and developed a modern, optimized, and responsive website for CarryU using Next.js.

Personal Projects

Personal Project: React, Trillo, JavaScript, CSS

- **Modern personal websites with cool designs (frontend only).**
- **Technology: React** with **React Router Dom**, Advanced CSS animations, Flexbox layouts, CSS Grid layouts, advanced responsive design with REM, JS, CSS, HTML, **MUI** dependencies
- Utilized various hooks such as **useState, useEffect, and useContext** for managing the state of the application and performing side effects.
- Use **custom hooks** to build with the project, such as useDocumenttTitle.
- Implemented **React Route**r for routing between different pages and creating dynamic URL paths.

- **Outcome:** Utilized React for building UI components and created a well designed website.

Bankist (Udemy Course): JavaScript, CSS, HTML

- **Technology: Pure JavaScript, CSS, HTML**
- Developed a banking application using HTML, CSS, JavaScript, and ReactJS, allowing users to transfer money, get loans, and close accounts.
- Implemented a secure and efficient system for processing transactions, including loan applications and loan repayments. Built a responsive and user-friendly user interface using CSS, ensuring that the application was accessible on a variety of devices.
- **Outcome:** creating a seamless user experience banking system

Check Frieze (COMP9021 Assignment)

- **Wrote a Python program to check whether some numbers, stored in a file, represent a particular coding of a frieze and display the pattern**

Technology: **Python**, **LaTex**

- Check whether some numbers with different numbers representing different directions that can represent a particular coding of a frieze
- display the period of the pattern of the frieze and transformations that keep it invariant, based on a result that classifies friezes into 7 groups of symmetries
- Output some Latex code in a file, from which a pictorial representation of the frieze can be produced

Outcome: created a program that can read numbers from txt file and determine if they form a repeating pattern or frieze, with each number representing a different direction. The program should then analyze the various symmetries of the pattern and display it.

Pig Game (Udemy JS course)

- **Technology: HTML, CSS, JS**
- Manipulating nodes with JavaScript
- Implementing the box model on various HTML elements, applying flex box to html element
- Making an attractive web design a reality.

Outcome: A web game that allows two players to play a dice game. The players take turns rolling the dice and can choose to add the number to their total or hold. However, if a player rolls a 1, their turn ends and the other player takes their turn. The first player to reach 100 wins the game.

Education

- Certificate of Information Technology, UNSW, Sydney (100% grade in COMP9021)   May 2022 - present
- Master of Professional Accounting, USYD, Sydney   July 2017 - Oct 2019
- Business English, Beijing Forestry University, Beijing (One of the 211 Project Universities under the direct administration of the Ministry of Education of China).   Sep 2013 - July 2017

Skills

Technical Skills

- Advanced: JavaScript, HTML, CSS, SASS, React, Next.js, Styled Components, Git
- Intermediate: Python, SQL
- **Professional Skills**
- Software Project Management, Problem Solving, Teamwork, Academic Research