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Liu Biyu
[Portfolio Website](#)

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Education

Singapore **University of Wollongong (SIM)** **Jul 2021 - Apr 2024**

- Bachelor's in computer science (Big Data) With Distinction

Singapore **Singapore Polytechnic** **Mar 2016 - Mar 2019**

- Diplomas in Interior Design

Project

Azoom Car Rental

<https://github.com/liubiyu123/car-rental-website>

- Utilized **HTML** to establish core front-end functionality.
- Enhanced the user experience with **CSS** by designing an intuitive and visually appealing interface.
- Implemented seamless navigation using **JavaScript** for smooth user interaction.
- Developed responsive layouts to ensure compatibility across a wide range of devices.

Pet Heaven

<https://github.com/liubiyu123/pet-heaven>

- Built reusable and dynamic components in **ReactJS** to structure the application, such as navigation menus, adoption lists, and educational resource sections.
- Used **React Router** for seamless navigation between pages, such as a homepage, adoption listings, and a volunteer registration form.
- Styled the platform with **CSS**, ensuring a visually appealing and responsive design across various devices.

SIMap

<https://github.com/liubiyu123/SIMap>

- Adopted **Agile** methodology for developing SIMap, leveraging its flexibility for iterative improvements
- Developed **user stories** to effectively gather and meet project requirements.
- Built an Android application using **React Native** for seamless cross-platform development.
- We utilized **TensorFlow** to implement machine learning, specifically **CNNs**, for image classification
- Integrated **Firebase** as the database to efficiently store and manage information

Skills

- Language: java, javascript, c++, python, sql, html, css
- Framework: reactjs, react native, pyspark, tensorflow, firebase, express.js
- Tools: Git, Jupyter Notebook, Mysql, MongoDB