



Zebin Zhou

SUMMARY

A Computer Science graduate with coding experience in Java and familiarity with JavaScript, CSS, HTML, Python, PostgreSQL, and more. Built several projects in school and through online courses

CONTACT

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PROJECTS

● **Sorting Visualizer**

A SORTING VISUALIZER FOR THE ALGORITHMS PROCESS

2022

Hosted on -> <https://github.com/zzhou0922/sorting-visualizer>

- Practiced the implementation of a visualizer for bubble sort, selection sort, insertion sort, merge sort, and quick sort.
- Another project that developing from scratch to be fully functional.
- Consolidated the concept of five sorting algorithms.
- React based project, it's a responsive website.

● **Smart Brain Website**

A PROJECT THAT INCLUDED FRONT-END, SERVER, AND DATABASE.

2022

Hosted front-end on -> <https://zzhou0922.github.io/smart-brain/>

- A website that allows users to register accounts, sign in, submit photos for face detection, and accumulate records of photo submissions.
- The user must meet the specified requirements to register or sign in successfully.
- The project covers the front-end, back-end, and database design and implementation.
- Used HTML, CSS, and JavaScript and built the front end based on the React library.
- Used Express framework and PostgreSQL for the server and database. Deployed the server and database on Heroku.

● **Robot Friends App**

AN APP THAT ALLOWS USER TO FILTER OUT ROBOTS BASE ON ON NAME.

2022

Hosted on -> <https://github.com/zzhou0922/robotfriends>

- Understand smart containers and dumb components on React.
- Studied the state concept on React.
- Used React Hook to implement the project.
- Rewrote the project with Redux.

EDUCATION

● **Bachelor of Science in Computer Science**

UNIVERSITY OF WASHINGTON TACOMA

2017-2019

TECHICAL SKILL:

Proficient in Java

Familiar with JavaScript, CSS, HTML, Python, PostgreSQL, and more

Experience with React library, Redux library, Express framework, and PostgreSQL

Familiar with web development and deployment