

Kaixuan Zheng

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EDUCATION

University of Houston

BS degree in Computer Science, Minor in Mathematics

Major GPA: 3.48/4.00

Graduated on 12/2020

SKILLS

Technical Skills: JavaScript, C++, Java, ES6, HTML, CSS, Bootstrap, jQuery, React, SQL, NOSQL, MongoDB, EJS, UML, Heroku, Material UI, RESTful API, CLI, Git, GitHub, Postman

Experienced IDE: Atom, Visual Studio Code

Relevant Coursework: Software Engineering, Algorithms and Data Structures, etc.

Language: English and Mandarin

PROJECT

React project

Keeper App

- This Keeper app implements the to-do-list functionality.
- We can add the events with the title and details and keep them as notes.
- We also can delete the note by the delete button.
- This app creates by the React.js library.

Clock App

- This Clock app implements the running time clock functionality.
- This app creates by the React.js library.

Node.js Project

Blog App

- This Blog app has four primary pages: home, about us, contact us and compose.
- On the home page, we can see all the blogs post with all the titles and a few sentences of the article.
- About us page basically will tell the visitors what the purpose is of making this blog.
- On the contact page, us page is all the contact information.
- On the compose page, we can create our blog.
- In this project, we are using the technology of Node.js, Express.js, EJS, body-parser, mongoose, and Lodash.
- Deploy the app by Heroku. <https://blog-2022-story.herokuapp.com/>

API project

Weather App

- Weather App offers real-time weather information about a city.
- We can get the different city weather by searching the different city names.
- In the weather app, the technology we used are HTTPS, API, body-parser, Node and Express.

Newsletter App

- In this project, I use the Mailchimp Marketing API to collect the subscriber's username and email.
- After that, I could use the Mailchimp account to email all my subscribers the news I want.
- Deploy my app by Heroku: <https://newsletter-signup-2022.herokuapp.com/>

Build Restful API

- In the project, I use Node.js, Postman and express, EJS, mongoose, Lodash, and body-parser npm to create Restful API.
- Implement all the requests, such as, get, delete, patch, post, and put.

Authentication and security project

Secrets App

- In this app, users require to register or log in with third-party authentication.
- After login, the user can post the secret whatever they want.
- In this project I practice the different levels of Authentication.
- In this project the technologies I used are Git, Node, Express, MongoDB, and Mongoose.
- Deploy my app by Heroku: <https://secrets-2022.herokuapp.com/>