Susie Xiao

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EDUCATION

Northeastern University – Boston, MA   Sep 2023 – Present

MS in Computer Science, GPA: 3.9 / 4.0   *Expected Graduation: May,2026*

Jilin International Studies University – Changchun, Jilin, China   Sep 2021- June 2023

BA in English

Changchun Polytechnic – Changchun, Jilin, China   Sep 2018- June 2021

BS in Computer Application Technology, GPA: 4.0 / 4.0

SKILL

Languages: Java, Python, JavaScript, TypeScript, HTML/CSS

Tools & Frameworks: React, Vue, Node.js, Git, RESTful, DOM, SpringBoot, Docker, UI, ES6, CI/CD, TypeScript, Webpack

Databases & Cloud Services: MongoDB, MySQL, Redis, AWS Cloud(**AWS Certified AI Practitioner**)

Productivity Tools：Microsoft Office products (Word, Excel, PowerPoint)

PROJECTS

Yelp Camp Web Application | *JavaScript, HTML, CSS, MongoDB, Express, RESTful, DOM*

- Developed a campsite review platform with **HTML**, **CSS**, and **JavaScript** for a responsive **UI design**, following object-oriented principles for modular development.
- Built server-side functionality using **Node.js** and **Express**, including **RESTful APIs** for **CRUD** operations.
- Managed data with **MongoDB**, ensuring data integrity through validation and error handling.
- Implemented user authentication with **Passport.js** and integrated **Google Maps API** for location visualization.
- Managed the application lifecycle with **Git** for version control and wrote **Unit Test** cases to ensure code quality.

Store Catering Customized Management System | *Java, SpringBoot, Mybatis, Redis,MySQL, JWT*

- Login set authentication using **JWT token** technology to complete the user authentication, through the **ThreadLocal** with the interceptor to verify the token, to determine whether the user is in the login state, and to solve the problem of stateless **HTTP** requests.
- The use of **Redis** to cache the dishes replaced the performance degradation caused by frequent access to the database in a highly concurrent environment.
- Developed real-time notification features using **WebSocket**, implementing long-term client-server communication for order and customer reminders.
- Use **SpringTask** to realize the order status of the timed processing, timeout automatically cancel the order and other functions.

WORK EXPERIENCE

ReMo, Portland, Maine   February 2025 – June 2025

Front-end Developer

- Led development of "Content Warning" and "Favorite" features using **React**, **TypeScript**, and **MongoDB**, improving platform engagement by **28%** among 10,000+ K-12 users.
- Built **Node.js** RESTful APIs for real-time Reader–Committee data sync and annual reset automation, reducing manual admin effort by **40%**.
- Collaborated via **Git**, **Jira**, and **Trello**; used behavioral analytics to guide book list refinements, increasing educator adoption by **22% year-over-year**.

Easytransfer.co, Beijing, China   June 2022 – October 2022

Web Developer

- Developed core front-end modules for a B2B cross-border financial platform using **React**, **JavaScript (ES6)**, and **Bootstrap**, enabling real-time tuition processing for 50+ partner institutions.
- Integrated **RESTful APIs** via **Axios** to support dynamic transaction tracking, reducing support tickets by **20%** through improved error feedback and data transparency.
- Applied **lazy loading** and **code splitting** to optimize performance, decreasing dashboard load time by **38%** across mobile and desktop views.
- Collaborated in an Agile team with **Git**, **Lark**, and product managers to ship multi-language, cross-platform features, improving client onboarding and global user satisfaction.