

Chongjie Wen

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Education

Northeastern University - Boston MA (GPA: 3.8)

Master of Science in Computer Science

Anticipated Graduation: April 2025

McMaster University - Hamilton ON, Canada

Master of Science in Computer Science

Sept. 2017 - Jun. 2021

Technical Skills

Database Management: MySQL, MongoDB, PostgreSQL

Programming Languages: Java, C/C++, JavaScript, Python, R, SQL, HTML5/CSS, Swift, TypeScript

Technologies/Frameworks: React, Node.js, Bootstrap, Flask, Git, Linux, Firebase, TCP/IP, AWS

Machine Learning: TensorFlow, PyTorch, Scikit-learn; experience with text classification, text mining, sequence labeling, knowledge graphs, and deep learning methodologies

Projects Experience

Foodie Recipe platform (Swift, firebase)

Feb. 2024 - Apr. 2024

- Developed login and signup screens using **Swift**, enabling authentication via email and Google.
- Designed the main screen to display recipes in aesthetically pleasing boxes.
- Implemented user interaction features, including a like button for recipes.
- Built a profile page to display users' liked recipes using **Firebase** for real-time database management.

Tourism accommodation platform (MongoDB, TypeScript, React.js, Node.js)

Oct. 2023 - Dec. 2023

- Developed an **admin** interface using **TypeScript** and **React.js** for monitoring bookings and managing accommodations.
- Implemented functionalities for administrators to upload, cancel, and modify accommodations.
- Built the frontend of the main screen and other admin interfaces with **TypeScript** and **React.js**, ensuring a responsive and user-friendly design.
- Deployed the application on **Netlify** for continuous deployment and hosting.

TSteam Game Library (React.js, Flask, MySQL)

Oct. 2023 - Dec. 2023

- Developed both the backend using **Flask** and the frontend using **React.js** for a Steam game library.
- Enhanced data management efficiency by 20%, resulting in faster data retrieval and display times with **MySQL** database.
- Enabled account creation and login features, allowing users to view and interact with others' ratings and comments on various games.
- Improved user interaction and engagement by 15% through the implementation of a dynamic front-end interface.

Work Experience

Ipserlab (Software engineer)

Sept. 2024 - Present

- Collaborated with cross-functional teams to design and develop startup websites using Figma, enhancing user interface and experience.
- Led the back-end development of profile pages, integrating user authentication and data management functions, boosting user engagement by 20%.
- Optimized API response times for profile page functionalities, reducing page load time by 30% and significantly enhancing system scalability through module reconstruction.
- Assisted in developing technical specifications and timelines, achieving a 15% reduction in project delivery time.