

Xinyue Chen

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EDUCATION

Boston University

M.S. Computer Science

Emphasis: Software Development

Courses: Java OOP, Server-side web development, Rich internet application development.

Expected Graduation: Jan 2024

GPA: 3.9/4.00

Liberty University

B.S. Information Technology

May 2021

GPA: 3.54/4.00

PROJECTS

Online Group Chat App (Full-Stack) | React, Node.js, Express, MySQL, Socket.io

Nov 2022 – Nov 2022

[Website](#) - [GitHub](#)

- Created a website which allows users to chat online in real time and to review the history of users' chat.
- Implemented the entire login system to allow **CRUD** operations on user list and user validation.
- Designed overall website concept, layout & deploy on Render.com
- Set up relational data models and implemented in MySQL.

Budget App (Front-End) | Angular, TypeScript, Bootstrap

Oct 2022 – Oct 2022

[GitHub](#)

- Developed a web application that keeps track of monthly income and expense.
- Virtualized monthly income and expense data using **Canvas API** increased the efficiency of understanding monthly money flow.
- Implemented Google Map to display nearby banks and allow users to search nearby places.

Travel Social Media App (Full-Stack) | Next.js, Firebase

July 2022 – August 2022

[Website](#) - [GitHub](#)

- Designed and built a web application that allows users to **CRUD** and share their travel journey with **Next.js** as a front-end and back-end & deployed on **Vercel**.
- Implemented entire authentication system and database using Google, Facebook, Github OAuth with **Firebase SDK**.
- Created a fully accessible, responsive, and functional UI with **Tailwind CSS** to allow users on any device to have same perfect user experience.

Online E-Commerce Store (Full-Stack) | React, Express, Node.js, MongoDB

June 2022 – July 2022

[Website](#) - [GitHub](#)

- Created a **MERN** full-stack web application that allows **CRUD** operations on the shopping cart and to buy favorite stationary products.
- Designed and built with **Express** serving a **REST API** with **React** as the frontend & deployed on **Heroku**.
- Used **MongoDB** and **Mongoose** for storing data and utilized **Stripe** to handle user payment.
- Implemented user authentication and authorization using **Google OAuth** and **passport.js**.

TECHNICAL SKILLS

Programming Skills: Html/CSS, JavaScript/TypeScript, Java, Python, PHP, SQL

Other: Git, ReactJS, Angular, Node.js, Express, Next.js, MongoDB, Firebase, WordPress, Bootstrap, Google Cloud Platform