

Rong Chen

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EDUCATION

Boston University

Bachelor of Arts in Computer Science

Boston, MA

Expected May 2025

- GPA: 3.81
- Coursework: Software Engineering, Data Structures & Algorithms, Concepts of Programming Languages, Computer Systems, Probability in Computer Science, Linear Algebra, Discrete Mathematics

EXPERIENCE

Software QA Developer

Amica Mutual Insurance

May 2022 – Present

Remote

- Applied Agile methodologies, including participating in sprint planning, daily stand-ups, and sprint reviews, to ensure seamless integration of QA practices within development process.
- Utilized test automation frameworks like TestNG and Selenium to create and maintain automated test scripts, reducing manual testing efforts and improving efficiency.
- Collaborated with cross-functional teams, utilizing tools such as Jenkins and Jira, to track and manage software defects, ensuring timely resolution and enhancing overall product quality.

Software Engineer

BostonHacks Tech Team

Feb 2023 – Present

Boston, MA

- Developed and maintained BostonHacks' hackathon website using React and Firebase to ensure functionality and user experience for incoming hackers.
- Optimized website performance through React component and state management, resulting in faster run times and increased user experience.
- Utilized Firebase Authentication and Authorization to secure user data and implement role-based access control on the website.

Database Intern

Youth4AM

Jun 2022 – Aug 2022

Remote

- Collaborated with peers to redesign the company's database by migrating data from google sheets to a MySQL database.
- Created a full-stack application that allowed 100+ teaching assistants to evaluate and manage 100+ students on a user-friendly website.
- Developed a back-end application using PHP and MySQL for storing and manipulating individual data of teaching assistants and students data retrieval and management.

PROJECTS

Sfoodify | *React & Firebase*

2023

- Developed a full-stack web application allowing users to search for recipes based on cuisine and provide song playlists curated towards the cuisine.
- Implemented user authorization and authentication to allow users to securely access and remove recipes that are saved to user profiles.

Marciano Dining Hall Web Scraper | *Python*

Boston Hacks 2022

- Created a Python web scraper using the BeautifulSoup library to extract menu items and nutritional information daily from Boston University's Marciano Dining hall website.
- Generated csv files for extracted data, providing a convenient and accessible source of information for students to make healthy decisions to meet nutrition goals.

TECHNICAL SKILLS

Languages: Python, Java, JavaScript, HTML/CSS, PHP, C, SML, Bash

Frameworks & Databases: React, Next.js, MySQL, Firebase, Selenium

Developer Tools: Git & Github, Jira, Fork, Jupyter Notebook, LaTeX