

Rong Chen

rongc@bu.edu | [linkedin](#) | [github](#) | [portfolio](#)

EDUCATION

Boston University, School of Computing & Data Science

Expected May 2025

Bachelor of Arts in Computer Science

GPA: 3.81

Relevant Coursework: Data Structures & Algorithms, Software Engineering, Concepts of Programming Languages, Computer Systems, Probability in Computer Science, Linear Algebra

EXPERIENCE

Amica Mutual Insurance

May 2023 – Present

Software QA Developer Intern

Lincoln, RI

- Implemented and maintained automated tests within Amica's QA framework using Selenium and TestNG to reduce manual testing by 30% and improve testing efficiency.
- Contributed to the improvement of the Agile development process, utilizing Jira to track and manage sprint progress, backlog refinement, and perform root cause analysis on 20+ failures weekly.
- Simulated user traffic and measured performance across various applications on NeoLoad to identify bottlenecks and gather insight for optimization.

BostonHacks Tech Team

Feb 2023 – Present

Software Engineer

Boston, MA

- Developed and maintained BostonHacks' hackathon website using React and Firebase to ensure functionality and user experience for over 300 hackers.
- Optimized website performance through React component and state management, improving user experience and run time by 20%.
- Utilized Firebase Authentication and Authorization to secure user data and incorporated role-based access control for admins on the BostonHacks team.

Youth4AM

Jun 2022 – Aug 2022

Database Intern

Remote

- Collaborated with peers to redesign Youth4AM's database by migrating data from google sheets to a MySQL database.
- Designed a full-stack application allowing over 100 teaching assistants to evaluate and manage over 100 students on a user-friendly website.
- Constructed 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

- Leveraged the Spotify and Spoonacular APIs to build a full stack web application that allow users to explore cultures through food and music.
- 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

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