

# Wei Cheng

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## SUMMARY

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Motivated software engineering graduate from CodeSquad Bootcamp with over 700 hours of intensive coursework in software engineering methodologies and technologies. Skilled in front-end and back-end development, data structures, algorithms, and testing. Fast learner with strong communication skills, capable of working independently or as part of a team. Seeking opportunities to apply proven skills in full-stack development to make a meaningful impact.

## TECHNICAL SKILLS

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**Frontend:** React, HTML, CSS, Bootstrap

**Backend:** NodeJS, NoSQL, MongoDB, Express

**Languages:** Proficient in JavaScript and Python; Familiar with SQL

## PROJECTS

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**CodeSquad Comics** | *JavaScript, NodeJS, Express, MongoDB* | [Live/GitHub](#) 01/2023 – 05/2023

- CodeSquad Comics is a full-stack application with HTML, CSS, and JavaScript for the frontend, and Node.js, MongoDB, and Express.js for the backend. Users can create, update, and remove comics from the admin panel.
- Developed JavaScript scripts to create database tables for more than 20 comics with properties of names, descriptions, titles, authors, genres, pages, ratings, and publishers.
- Implemented CRUD functionalities through RESTful API calls.
- Designed the website's user flow and created data schema and four data models.

**Bookstore App** | *JavaScript, NodeJS, Express, MongoDB* | [Live/GitHub](#) 01/2023 – 05/2023

- Bookstore App is a web application that sells books adapted into movies and TV shows, built according to the specifications of the Codesquad course project. It utilizes RESTful routes, CRUD operations, Node.js, and a NoSQL (MongoDB) database.
- Designed the full-stack application with JavaScript, HTML, and CSS for the frontend, and Node.js and Express.js for the backend.
- Implemented RESTful routes, CRUD operations, Node.js, and a NoSQL (MongoDB) database.

## EXPERIENCE

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**Full-Stack Intern** 02/2023 – 06/2023

*Bangor School* | [Live/GitHub](#)

*Bangor, ME*

- Developed websites and UI designs using HTML, CSS, JavaScript, Node/Express, and MongoDB for various clients, including potential applicants, enabling them to sign up, sign in, and perform essential tasks such as editing, deleting, updating, and adding courses provided by the school.
- Structured the ejs component hierarchy into more than 10 components, including the navigation bar, head section, footer section, courses section, and admin section, ensuring the scalability, maintainability, and testability of the web app.
- Designed the data schema with MongoDB to store course and service information and created two JSON data models to format database inputs.
- Implemented OAuth for secure user account registration and authentication when making API calls.

## EDUCATION

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**CodeSquad** Boston, MA

*Full Stack Software Engineering*

10/2022 - 06/2023

**University of Massachusetts Boston**

*MS Finance; GPA: 3.98; RA/TA*

Boston, MA

02/2020 - 08/2022

**Babson College**

*MS Accounting*

Wellesley, MA

02/2014 - 12/2014

**University of Massachusetts Boston**

*BS Accounting and Finance*

Boston, MA

09/2010 - 08/2013