

Madison Combs

Full Stack Software Engineer

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EDUCATION:

Fordham University, Bronx, NY

Completed May 2021

Bachelor of Science in Computer Science

The Grace Hopper Program at Fullstack Academy

August 2022 - October 2022

Software Engineering Certificate

TECHNICAL SKILLS:

JavaScript, C#, C++, Java, React, Redux, Node, React Native, TypeScript, Express, Sequelize, Angular, HTML, CSS, Tailwind, Bootstrap, SQL, PostgreSQL, git, GitHub, Mocha, Jasmine, Karma, Figma

TECHNICAL PROJECTS:

[Keepsake](#) | Full Stack Software Engineer

- Spearheaded and Engineered Keepsake, a social media application that houses media reviews and recommendations of books, movies, and shows.
- Solely responsible for the UX/UI and front-end design of all components, including creating a responsive user interface for mobile and desktop devices that also implements animation to enrich user experience.
- Technologies: Javascript, React V6, React-Redux, Node, Bootstrap, Express, Sequelize.

[Boba Shoppe E-commerce](#) | Full Stack Software Engineer

- Developed an e-commerce site that allows customers to purchase items from a database of Tea, with user experience depending on if the user is an admin and if they are logged into an account or not.
- Personally responsible for building back-end REST API that manages products and customer orders.
- Technologies: Javascript, React V5, React-Redux, Node, Express, Sequelize, Stripe.

[Tower of Hanoi](#) | Solo Developer

- Created a front-end game based on the mathematical puzzle, Tower of Hanoi, using logic to ensure the moves made by the player abide by the rules and determine if the puzzle has been successfully completed.
- Technologies: HTML, CSS, Bootstrap, JavaScript.

EXPERIENCE:

Selective Insurance

January 2022 – June 2022

Application Specialist | Glastonbury, CT

- Increased test coverage by developing test cases for Angular unit testing using tools Karma and Jasmine.
- Contributed to requirement analysis and refinement conversations to estimate appropriate timelines for projects based on complexity and conditions in an Agile environment.
- Assisted in the onboarding of new hires by setting up their development environment, demonstrating how to run locally, and giving an overview of the code base for the quoting system.

Selective Insurance

May 2020 – January 2022

Information Technology Trainee | Glastonbury, CT

- Created a SQL script generator tool using C# and SQL to automate the process of creating multiple SQL statements by applying the information entered in the GUI.
- Participated in job rotations of various departments of the insurance industry including Business Systems Unit, IT, Strategic Business Unit, Claims, and Marketing.

Clarity Software Solutions, Inc.

May 2019 – January 2020

Software Engineer Intern | Madison, CT

- Identified systemic problems in the code using SonarQube to provide revisions to the code, target security hotspots, and prevent undefined behavior from occurring.
- Focused specifically on preventing SQL injection by tracing the origin of variables being concatenated in SQL queries, which ensured they were not potential threats.