MADELINE J. WILSON

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SKILLS

JavaScript, React, Redux, HTML, CSS, Ruby, Ruby on Rails, Mongoose, MongoDB, Node.js, Express.js, Websockets, SQL, SQLite3, PostgreSQL, Webpack, jQuery, Git, Heroku

PROJECTS

TONES (Vanilla Javascript) | GITHUB | LIVE SITE

an interactive single page web application that creates a synesthetic experience for the user

- Integrated WebAudioAPI to adjust frequency, oscillation, gain, and sustain for each custom made note
- Implemented CanvasAPI as the backdrop and context for creating and animating shapes
- Designed a custom function that resulted in a visual fade effect for the shapes to disappear from the page

NEW WAVE (React, Redux, Ruby on Rails) | GITHUB | LIVE SITE

a single page clone of Bandcamp

- Integrated AWS to store, upload, and stream audio and image files
- Employed CSS3 flexbox and positioning to have images both horizontally and vertically aligned within the same space
- Utilized the FormData interface to allow for a more seamless transport of files from frontend to backend

CIPHER (MongoDB, Express, React, Node.js) | GITHUB | LIVE SITE

an interactive web environment for developers to collaborate with one another on projects

- Incorporate complete CRUD functionality in the backend using express.Router and Mongoose
- Implement model validations through the use of custom functions and Validator.js
- Implement Peer to Peer video streaming using socket.io and Firebase

EXPERIENCE

Junior Instructor Assistant, *App Academy*   **December 2021 – Present**

- Answer students' technical and conceptual questions on the App Academy curriculum
- Demonstrate excellent pair programming practices by assisting lecturers as the 'driver'
- Use App Academy's internal tools to monitor students' progress through the course, and identify ways to support their learning on an individual level
- Coach students as they build their portfolio projects, guiding them through real-world workflows
- Engage in regular study and review of curriculum in order to better address student questions

Line Cook, *XLB*   **June 2019 – February 2020**

- Ensured accuracy and quality for all recipes, food fulfillment, and presentation for the daily meal preparation of over 300 guests
- Responsible for planning, organizing, and developing the overall operation of the food service department in accordance with federal, state, and local standards and guidelines governing the facility along with company policies and procedures
- Maintained a great rapport with my teammates through good charisma, positive leadership, thorough training, supervising, assigning, and constructive criticism when appropriate

Manager, Cashier, Barista, *City Dock Coffee*   **August 2010 – July 2012, October 2014 – May 2019**

- Managed a team of 10-15 employees and developed an Excel tracking system which designated different working stations for each employee, keeping track of employee progress and efficiency
- Practiced real-time creative problem solving as I managed employee and customer needs simultaneously - harnessing my ability to think and solve on the spot
- Placed orders for the store multiple days a week, ensuring the store was always stocked with milk, coffee, and paper supplies
- Took inventory of entire store each month using Excel, ensuring the store was fully prepared for the upcoming month

EDUCATION

Web Development - App Academy   **Fall 2021**

Immersive software engineering course with a focus on full-stack web development, requiring 1000+ hours of coding in 16 weeks

BA in English Language and Literature - University of Maryland, College Park   2012 – 2014 | GPA: 3.49

    Sigma Tau Delta English Honor Society | Academic Honors

AA General Studies - Anne Arundel Community College   2010 – 2012 | GPA: 3.89

    Magna Cum Laude | Phi Theta Kappa Honor Society | Dean's List