

MELANIE J BOND

FULL STACK DEVELOPER

ABOUT

An enthusiastic Team Player and determined Developer, I discovered programming while teaching young children and I couldn't be happier to apply my fascination with complex systems to the world of software. Working with students taught me how to take a growing program such as a child's "behavior" and maintain repetitive, consistent structure around it so that it grew into "better behavior." Programming may be a new medium for me, but, the rules that govern it are not; I've always been one to dig in to the patterns that generate the physical word and I love to discover what makes things tick.

FRONT-END DEV WORK

Nashville Software School, May 2019-August 2019


Nashville Software School is a non-profit software boot-camp located in Nashville, TN, that has trained me to think and learn like a professional software developer. I've practiced client-focused production, clear communication and excellent planning in group projects and I've learned how to find answers to errors, bugs and confusion whether in a group or on my own through the help of fellow devs, teachers, and internet resources.

PROJECTS / DEV EXPERIENCES

The Chores Board Project: used React JS, JavaScript, CSS

The Chores Board is a single-page CRUD app built with JavaScript, CSS and the React framework.

When a user first accesses The Chores Board, they are prompted to login or register an account. The landing page for The Chores Board contains a form from which a user can create any type of chore or task with fields for - title of task, materials needed for the task, and a date by which they'd like their task to be completed - and a save button that will create a Chore object that will appear for the user on that landing page. A user can create any number of Chore objects, they can edit any aspect of it, and, they can click a "Finished!" button that will move that Chore to the "Completed Chores" page of the app. All chores are sorted by most upcoming to least upcoming on every page on which they appear, chores that have been completed can be deleted, and, a user can log out of the Chores Board app.

 <https://github.com/MelanieJaneBond/Chores-Board-Capstone>

Arboretum Project: used Python in VSCode

In a group of five devs, created a Python app that constructs an Arboretum out of classes and interfaces for Animals, Plants and Habitats. We utilized imports, modularization, and accessed properties on nested classes, mapped an Inheritance Diagram and broke down issue tickets into smaller project goals to encourage a good work flow. We agreed as a team to code the entire project together - one person typing, the rest of us giving verbal direction and feedback on the use data and logic - and we took turns leading the coding. I built the files that release a Plant into a viable Habitat and I worked on a stretch goal to sort the Animals in the Feeding portion of the app. I also generated our plan of action, tracked our progress and kept the team pushing and merging to github with each completed goal.

 <https://github.com/MelanieJaneBond/Arboretum-Group-Project>

EXPERIENCE / PAST WORK

Lead Teacher of 12-24month olds

High Hopes Development Center, August 2018 - May 2019

- Designed a daily schedule of consistent rules to govern table manners and behavior towards toys and outdoor equipment
- Taught confidence and self-awareness to students by responding to behavior in a patient, repetitive, and thorough way
- Enforced respect and kindness towards others and the self by explaining and showing reasons to enact appropriate behaviors
- Trained co-teachers and students to use specific language and consistent action to manage difficult moments and navigate classroom conflict productively

CONTACT



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EDUCATION

NASHVILLE SOFTWARE SCHOOL, 2019

Software Development Boot-camp

BELMONT UNIVERSITY, 2013

Bachelor of Arts, Major in English
Minor in Writing and Mathematics

SKILLS

- Python + Django
- SQL
- JavaScript + ReactJS
- HTML + CSS
- GitHub

EXPLORATION

- Rock Climbing
- Hiking + Trail Running

EXPERIENCE / PAST WORK

Baker / Kitchen Manager

Bond Coffee Company, May 2013 - October 2017

- Sole baker, specializing in gluten-free and allergy-friendly pastries
- Created my own products and developed a consistent customer base
- Kept the kitchen stocked, placed orders for produce and materials
- Instructed staff on food preparation methodology while maintaining consistency across all products to prioritize customer experience

Floater / Co-Teacher

High Hopes Development Center, November 2017 - August 2018

- Worked with preschoolers of all ages, directing behavior, modeling good behavior, and assisting in instruction.
- I often read to children or answered questions about how the world works