Melissa Guachun

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Software Engineer

Software engineer with demonstrated history of working with Ruby, Sinatra, Ruby on Rails, Javascript, SQL, and React/Redux. With a background in fine arts, I bring strong illustrative and analytical skills to tech with a compelling desire to build projects that are functionally intuitive and visually striking. I strive to be the connection between the technical world of coding and the visual aesthetics of fine art to create functional yet visually stunning projects.

TECHNICAL SKILLS

Ruby, Rails, Sinatra, SQL, JavaScript, React, Redux, OOP, REST API, CRUD, MVC

TECHNICAL PROJECTS

Ticket Tracker - Github |
Live event tracker equipped with searchable listings and tools for compiling relevant notes.
- Constructed a React-Redux front end application and a Rails backend API to log concerts and notes
- Utilized asynchronous functions and redux-thunk middleware to streamline the process of sending/receiving data from a server
- Obtains Redux middleware to respond to modified state change and avoid bloated code

My Record Wishlist - Github |
SPA features a self composed API to document and collate wishlists for record buying.
- Communicated with self made RESTful API to store and render albums and artist information
- Engineered user interface using JavaScript, CSS, and HTML to improve user experience with responsive design

Gallery Space - Github |
A fine art library where users curate their own art gallery, post comments, and learn about art from around the world.
- Utilized BCrypt password hashing with user validations to prevent data breaches and protect user information
- Incorporated Omniauth for third party client handling through Google for effortless user authentication
- Organized database with ActiveRecord Query methods to deliver data to the user by their specifications

EXPERIENCE

Life After Life   Brooklyn, New York
Web Developer utilizing HTML5, CSS, Bootstrap, JavaScript   02/2022 - Present
- Reimagining website features for an intuitive and immersive client side experience
- Implement creative solutions that streamline the performance of the site and better serve the user
- Collaborate with team to test new features, debug code, and enhance brand identity through digital interfaces

MelGuachunArt   New York, New York
Small Business Owner/Freelancer   06/2014 - Present
- Single handedly developed, designed, and produced fine art for clients and merchandise for mass production
- Monitored inventory and profits while stabilizing prices of listings and reducing middleman involvement for higher profits
- Collaborated with clients from a variety of backgrounds to deliver unique products within set deadlines
- Demonstrated correspondence with clients to ensure quality control of products sold while securing networking connections

EDUCATION

Flatiron School   Online, Part Time
Full Stack Web Development, Ruby on Rails and JavaScript program   01/ 2021 - 10/2021

CUNY Hunter College   New York, New York
Bachelor of Arts, English, Literature and Composition   05/2020