

Melissa Guachun

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SOFTWARE ENGINEER

Software engineer experienced using Ruby, Sinatra, Ruby on Rails, Javascript and React/Redux. With a background in fine arts, I bring strong illustrative and analytical skills to tech projects with a compelling desire to build projects that are functionally intuitive while equally visually stunning. I bring the ability to unify the practical logic of engineering with my passion for the arts to create a deeper narrative between image and code.

TECHNICAL SKILLS

Ruby | Rails | Sinatra | SQL | JavaScript | React | Redux | Object Oriented Programming | RESTful API's

TECHNICAL PROJECTS

TicketTracker - [Github](#)

Concert and 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, HTML and improved user experience with responsive design techniques

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

MelGuachunArt

Small Business Owner/Freelancer

Queens, New York

06/2014 - Present

- Sole author for the development, design, and production of fine art for clients and merchandise for mass production
- Monitored and drove key business results related to maximizing revenue and profit
- Worked with clients from a variety of diverse backgrounds and industries to deliver unique products within set requirements and fluid deadlines
- Collaborated with key suppliers to ensure strict quality control of materials

EDUCATION

Flatiron School

500+ hour intensive and immersive Full Stack Software Engineering Bootcamp, Rated Top 3 Program for 2021

Online

2021

CUNY Hunter College

Bachelor of Arts, English, Literature, and Composition

New York, NY

05/ 2020