

# 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. Actively looking for an environment that fosters growth and values mentorship so I may contribute the greatest impact to my team. 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.

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## TECHNICAL SKILLS

Proficient in Ruby, Rails, Sinatra, SQL, JavaScript, React, Redux

Adept in Object Oriented Programming, RESTful API's CRUD operations, and MVC frameworks.

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## 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

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## EXPERIENCE

### MelGuachunArt

Small Business Owner/Freelancer

Queens, New York

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

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## EDUCATION

### Flatiron School

Full Stack Web Development, Ruby on Rails and JavaScript program

Online, Part Time

01/ 2021 - 10/2021

### CUNY Hunter College

Bachelor of Arts, English, Literature, and Composition

New York, NY

05/ 2020