

Maria Fernanda Garcia

Software Engineer

PROJECTS

Taskana (Rails, React.js/Flux, PostgreSQL, JavaScript)

A single page web app to seamlessly simulate the to-do app Asana

- Used Redux to conditionally render React components dependent on the user's input.
- Implemented Rails polymorphic associations to ensure smooth interaction and usability.
- Improved the speed of the application through optimized SQL queries.
- *Figure out one more bulletpoint *

BeatSequencer (JavaScript, Tone.js, HTML5, CSS)

A JavaScript Audio Sequencer built with Tone.js

- Utilizes Tone.js API to play notes on the board
- Seamlessly manipulates the DOM with Vanilla JavaScript
- Dynamically creates DOM elements.
- "Do I need one more?"

LazyRecord (Ruby)

A ORM inspired by ActiveRecord of Ruby on Rails

- Creates simplifies database queries by applying ruby metaprograming and SQL.
- Assigns a default table name based on the assosiactions between classes.
- Supports single and multiple step assiciations by executing object-relational mapping.

WORK EXPERIENCE

Head of User Experience, New Land Entertainment (August 2017 - Present)

- Oversaw the interview of potential users to validate the project idea
- Analyzed the interviews to determine the user's pain points and how to solve them
- Brainstormed the app's potential features with the New Land team
- Designed the user flow of the app
- Transcribed the app screens from concept to reality using Sketch

User Experience Intern, PressXpress (May - August 2017)

- Performed a heuristic evaluation of the company's website
- Developed a survey to determine the customers' opinion of the service
- Investigated the company's main competitors, and created user flows for their apps
- Documented the company's app user flow, and created a prototype of it using InVision
- Performed usability tests of the app. Its findings were implemented in the new iteration

EDUCATION

App Academy (August - December 2018)

Course: Full Stack Developer

Description: 3 month intensive Full-Stack engineering curriculum
Emphasis on RESTful API, OOP, TDD, Data Structures, and latest technologies

Barnard College of Columbia University (August 2014 - May 2018)

Degree: Bachelor of Arts

Major: Psychology **Minor:** Chemistry **GPA:** 3.33

Relevant coursework: Humans and Machines, Decision Architecture, Thinking and Decision Making, Attention and Perception, Coding for the Sciences.

PORTFOLIO

mafegarcia.com

CONTACT

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SKILLS AND INTERESTS

Languages

Ruby
JavaScript
HTML5
CSS
Git

DataBase

SQL
PostgreSQL
MySQL
SQLite

Technologies

React
jQuery
Ruby on rails
Heroku
Flux (Redux)
Mac Comand Line
Active Record
AJAX

Interests

Snowboarding, Salsa Dancing

Books

"Don't Make me Think" by Steve Krug

"Thinking Fast and Slow" by Daniel Kahneman

"The User Experience Team of One" by Leah Buley

Design Tools

Sketch, InVision

RELEVANT CERTIFICATIONS

Web Design for Everybody

by the University of Michigan (February 2017)

LICENSE: 4VCUS62RT2TH

UX Certification

by Nielsen Norman Group

(October 2017 2017)

LICENSE: UXC#1019758

COURSES: Information Architecture
Human Mind and Usability
User Interface Principles
Personas
Usability Testing