

# Janette Tinoco

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[Linkedin](#)

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[Portfolio](#)

**SKILLS** React, Ruby, Ruby on Rails, Javascript, SQL, PostgreSQL, Redux, jQuery, Webpack, AWS S3, Git, Elasticsearch, Typescript, HTML5, CSS, GraphQL, R, C++, Python, MATLAB

## EXPERIENCE

**Fuzzy Pet Health Inc., Software Engineer** San Francisco, CA

2021-2023

- Collaborated in an agile development environment, actively participating in daily stand-up meetings, sprint planning, and retrospective sessions to ensure efficient project execution and continuous improvement
- Designed and implemented the transition from a subscription-based service to include a freemium and one-time limited membership model, driving increased user acquisition and revenue growth; one time membership became the leading product
- Developed the backend application for a robust quiz platform, utilizing tree structures and Elasticsearch to ensure high performance, scalability, and security

**Options For Youth, Math Intervention Specialist** San Gabriel, CA

2014-2020

- Analyzed student data from Renaissance Learning assessments to identify top 30 students in need of math intervention
- Managed 50+ students' academic plans each semester tailored to their individual needs, resulting in 20% increase in math units completion
- Instructed basic math skills remediation course for struggling students, improving overall student grade equivalency by one grade level

## PROJECTS

**Pinspo** (Rails, React, Redux HTML5, AWS and CSS3)

[Live Site](#) | [Github](#)

*A fullstack single-page website clone of Pinterest, a social media app where users keep collections of shared images.*

- Integrated Active Storage to connect to AWS S3 for media storage for a more scalable and efficient media storage system
- Employed CSS3 flexbox and grid to execute a masonry for a visually appealing image display
- Leveraged Active Record polymorphic associations for users' pins and boards for DRY code

**Linkr** (Javascript, React, Redux, MongoDB, Express.js, Node.js, HTML, CSS)

[Github](#)

*A single-page social networking app that facilitates connections between professionals depending on place, industry, and interests, all with a single swipe.*

- Utilized JSON Web Token and passport in order to protect express routes and verify user credentials before API calls
- Architected a RESTful API using Node and Express.js resulting in clean, scalable code with quality performance
- Employed Mongoose API to model and manipulate MongoDB data and added additional validation constraints using Validator.js library to ensure valid database entries

**Keith Daring** (Javascript(ES6), HTML, and CSS)

[Live Site](#) | [Github](#)

*A video game inspired by Keith Haring's street art with the objective to dodge New York's busy street obstacles and collect hearts to increase lifelines.*

- Incorporated Javascript ES6 best practices for inheritance within classes for game obstacles, resulting in more DRY code
- Designed HTML Canvas layout using stroke and addImage functions to include graffiti-like graphics
- Charted DOM query selectors to implement an intro page and update scoring for a more dynamic display updated in real-time

**L.A Parking Citations** (R, GgPlot and Tableau)

[Live Site](#) | [Github](#)

*A deep dive into Los Angeles County Parking Citations data from the years 2015-2018 with over 9 million observations and 19 variables*

- Analyzed and cleaned data using Numpy and Tidyverse library to facilitate analysis and explore correlations within data
- Applied ggplot and Plotly libraries to visually showcase patterns in the data based on variables of time, location and parking regulations
- Investigated annual quota correlation to number of parking citations and proved to have an impact during the second and third quarterly report

## EDUCATION

**App Academy** San Francisco, CA

2020-2021

- Immersive software development course with a focus on full-stack web development, which entailed 1000+ hours of coding and a less than 3% acceptance rate.

**UCLA Extension** Los Angeles, CA

2019

- Intensive Data Science certification program. Implemented Machine Learning and Big Data Manipulation techniques using R, Python, and Tableau

**Pasadena City College** Pasadena, CA

2015-2017

- Related coursework: Fundamentals of Computer Science, Discrete Structures with Computer Science Applications

**University of California, Santa Barbara** Santa Barbara, CA

2010-2014

- Bachelor's Degree in Mathematics
- Created an Independent Study course to incorporate programming and mathematical manipulations using MATLAB