

# Joelle Fernandez

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## Summary

I am a web developer with a passion for problem-solving every day issues by building meaningful applications. I have had the opportunity to create applications that connect the community, support teachers, students, and parents, and make life just a little bit easier by creating access to information at your finger tips. These applications were build with technologies such as: Ruby on Rails, React, Angular, NodeJS, and Javascript.

Prior to being a web developer, I was a NYC public school special educator, which taught me the power of communication, management, collaboration, and one's ability to impact others. After developing a strong interest in development, I knew that I had to jump in to further my own education.

Currently, I am working on an on-demand dog walking application that connects dog owners with dog-loving walkers in the community using Google Map's API, React, and NodeJS.

## Technical Skills

- Languages: HTML5, CSS3, jQuery, Javascript, Ruby, SQL
- Application Frameworks: Node.js +Express, Rails
- Front-End Frameworks: Angular, React
- Front-End Libraries: jQuery, Bootstrap
- Databases: PostgreSQL, MongoDB
- Object Relational/Document Mappers: ActiveRecord, Mongoose
- CSS Pre-compilers: SaSS
- Version Control: Git & GitHub

## Projects

### Walk Me, Los Angeles, CA

Walk Me is in an application that connects dog owners with dog lovers that want to walk dogs in the community. Walk Me utilizes Google Map's API to provide a owners with a visual tracking of dog walks in real-time and allows walkers to find walks nearby with geolocation.

**Technologies:** React, NodeJS, Express, HTML/CSS, MongoDB, Mongoose

### Where2Wag, Los Angeles, CA

Where2Wag is a networking application for users to find and review dog-friendly businesses and parks. Where2Wag uses Yelp's API to compile data about each business, as well as it is used in conjunction with Google Maps to create user-friendly interface to navigate.

**Technologies:** NodeJS, Express, Javascript , jQuery, MongoDB, Mongoose, Bootstrap, HTML 5, CSS3

### QExchange, Los Angeles, CA

QExchange is a buying, selling, and social networking application for Queers in large cities. Sign up and login into your account, create a profile, upload and avatar, link other social networking applications, and post and comment for services, meet ups, furniture, housing, jobs, and free items. Scour

QExchange by utilizing the search query to find posts by keywords and bookmark your favorite posts for quick access on your dashboard.

**Technologies:** Ruby on Rails, ActiveRecord, PostgreSQL, Bootstrap, HTML5, CSS3

## **Catch Em, Los Angeles, CA**

Catch Em is an educational game for individuals to test their knowledge on items that are considered to be good and not-so-good for dogs. This game includes a score board, timer, and automatic transition to the next player. In addition, the game allows for multiple players, and if necessary the ability to check for the winner, which sorts the score board and displays the Top Score and winner's name. It is nested in Bailey & Company, which is a website for dog boarding in the Los Angeles area.

**Technologies:** HTML5, CSS3, Javascript, JQuery

## **Experience**

SEPTEMBER 2011 - SEPTEMBER 2016

### **New York City Department of Education, New York, NY**

#### *Special Education Teacher*

- Designed, planned & Implemented new curriculum from the ground up for grades 5 through 8 aligned to CCLS, State, and City-wide standards
- Established rapport with students, parents and guardians in addition to developing and achieving IEP goals
- Created individual behavior plans and appropriate positive reinforcement and consequences
- Enhanced student engagement by collaborating with local artists and establishments
- Designed and implemented formative and summative assessments to create SMART goals

SEPTEMBER 2014 - SEPTEMBER 2016

### **New York City Department of Education, New York, NY**

#### *Art Liason*

- Collaborated with liaisons from schools in all 5 NYC boroughs and department leaders
- Facilitated information and material amongst 13 school sites in Brooklyn and Manhattan

SEPTEMBER 2014 - JUNE 2015

### **Metropolitan Museum of Art, New York, NY**

#### *Astor Fellow*

- Designed curriculum content connected to the National Common Core Learning Standards and museum art and artifacts
- Collaborated with teachers from all 5 NYC boroughs and museum educators

AUGUST 2010 - JUNE 2011

### **San Francisco College Access Center (SFCAC), Cal-SOAP, San Francisco, CA**

#### *Educational Advisor*

- Counsel low-income high school students and students that are the first in their families to go to college
- Coordinate and present workshops to youths in a classroom setting
- Fostered relationships with San Francisco Unified School District staff, students, and parents
- Encourage and support students to complete high school and enroll in higher education

- Assisted students in during the college application process, FAFSA, scholarships, and entrance exams

DECEMBER 2007 -AUGUST 2010

**San Francisco State University, San Francisco, CA**

*Coordinator at New Student Advising and Retention*

- Advised and educated incoming new students (native and transferring) on University academic requirements and policies
- Presented keynote presentations on a daily basis to large scale orientation attendees
- Organized and created daily schedules for over 50 employees
- Solved dilemmas between departments and help create efficient solutions

AUGUST 2008 - AUGUST 2010

**Americorps - Jumpstart, San Francisco, CA**

*Team Leader*

- Led a Head Start pre-school classroom and corps members
- Fostered relationships with parents and teachers, maintaining communication about children's progress
- Managed college student corps members, coaching for improvement
- Problem-solved conflicts between children, corps members, site directors, teachers, and site manager
- Modeled appropriate ways to cultivate language & literacy skills with children 3-5 years old
- Taught a diverse group including second language learners and students' with disabilities

## Education

NOVEMBER 2016 - FEBRUARY 2017

**General Assembly, Los Angeles, CA**

*Web Development Immersive: Fullstack Development (Front-End & Back-End)*

JUNE 2011 - AUGUST 2013

**Pace University, New York, NY**

*Master of Science (MS) in Teaching Early Childhood to Adolescents in General Education & Special Education*

AUGUST 2007 - MAY 2011

**San Francisco State University, San Francisco, CA**

*Bachelor of Arts (BA) in History with a minor in Special Education and Holistic Health*

JANUARY 2010 - MAY 2011

**San Francisco State University, San Francisco, CA**

*Holistic Health Certificate*