

# Zachary Moroni

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## PROJECTS

**Puffs** (Ruby, SQL) | [live](#) | [github](#)

*An open-source Ruby gem that provides MVC framework and ORM*

- Mimics Rails' dynamic app construction with command line interface
- Queries Postgres database with simple Ruby methods through built-in ORM
- Parses routes with regular expressions to generate RESTful responses

**PizzaTime** (Rails, React/Flux) | [live](#) | [github](#)

*Social restaurant review platform inspired by Yelp*

- Enables dynamic, location-based searching through Google Maps API
- Employs Facebook OAuth and password encryption for secure authentication
- Optimizes API views for scalability through observation of DRY principles

**Breakout** (Javascript, HTML5) | [live](#) | [github](#)

*The Atari classic rebuilt for the browser*

- Renders browser-agnostic gameplay on native HTML5 Canvas element
- Animates explosions using trigonometric functions

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## SKILLS

Ruby

Rails

SQL

HTML

CSS

JavaScript

React

Flux

jQuery

Git

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## EXPERIENCE

**Instructor** - App Academy

2016

- Communicated lesson material to a class of over 40 students
- Conducted code reviews and quickly debugged student projects

**Game Designer** - Adam Poots Games

2013-15

- Project lead on five expansion releases for \$2 million+ Kickstarter project
- Co-authored and designed 220-page gamebook with Adobe CC software
- Managed full-time playtesting team and development cycles through Basecamp

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## EDUCATION

**App Academy**

2015-16

- Intensive web development training program, < 3% acceptance rate
- Emphasizes pair programming, best practices, and TDD

**University of Colorado** - BA, English Literature (Anthropology Minor)

2011

- 3.5 GPA, graduated with honors