Zachary Moroni

EMAIL zachary.moroni@gmail.com • **CELL** (720) 308-7458
215 Kingsland Ave, Apt 10, Brooklyn, NY 11222

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

SKILLS

Ruby	**Rails**	**SQL**	**HTML**	**CSS**
JavaScript	**React**	**Flux**	**jQuery**	**Git**

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 through Basecamp

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