Jimmy Zeng

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PROJECTS

Felamily *(Rails, React.js)* | [Live](#) | [Github](#)
Web app inspired by ShelterManager to track pets and adoptions at shelters
- Single-page React.js app consuming RESTful Ruby on Rails API
- Uses Paperclip, AWS S3, and Figaro to store uploaded images in the cloud.
- Provides visual feedback to users on AJAX requests using Flux architecture.

SocialBot *(Rails)* | [Live](#) | [Github](#)
Automated way to publish product information to various social media sources
- Uses Bitly API to shorten product URLs
- Publishes product information to Twitter, Facebook, and Tumblr via API
- Automated publishing using custom Rake task and Heroku Scheduler

Snake *(JavaScript, jQuery, CSS)* | [Live](#) | [Github](#)
Snake-variant inspired by the original arcade game
- Smart rendering only redraws head and tail to simulate movement.
- Limits server load by storing high-scores locally across sessions.

wORM *(Ruby)* | [Github](#)
An ORM inspired by the functionality of ActiveRecord
- Abstracts database associations onto an object-oriented framework.
- Executes SQL queries with protection against injection attacks.

SKILLS

Ruby	Ruby on Rails	JavaScript	jQuery	React.js	Flux
HTML5	CSS3	SQL	Git	RSpec	Capybara

EDUCATION

App Academy - *Web Development, <3% acceptance rate (New York)*   2015
Full-stack web development course focusing on pair programming and TDD.

Swarthmore College - *B.A. Biology (Swarthmore, PA)*   2010 - 2014
Curriculum highlights: Linear Algebra, Abstract Algebra, Discrete Mathematics
GPA 3.9, Phi Beta Kappa

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