Dzheni Dilcheva

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LinkedIn · GitHub · Portfolio

Projects

TaskChamp (Rails, JavaScript, ReactJS, PostgreSQL)   live • github
A RESTful, single-page app with Redux architecture and a JSON API.
- DRYs code with polymorphic Active Record associations, JSON partials, and reusable React components for scalability.
- Offers nifty UI features such as google login and calendar, profile avatars, file upload, rich text editing, and autocomplete search, using cloud storage at AWS and Google APIs.
- Manages back-end user authentication with BCrypt, session tracking with cookies, and secure routing with Rails controller checks.

Tetronimos (JavaScript, HTML5, CSS, Canvas)   live • github
A tile-matching JS browser game.
- Follows Object-Oriented Design to allow for easy add-on of features.
- Uses ES6 language specification and babel to transpile code into ES5

EasyData (Ruby)   github
A lightweight ORM in Ruby that reproduces the core functionality of ActiveRecord.
- Uses Ruby metaprogramming techniques to define getter and setter methods for convenient manipulation of table data.
- Allows for single and multi-step model association methods, complete with default parameters, in order to streamline common operations involving relationships between tables.

Skills

Ruby • Ruby on Rails • RSpec • SQL • JavaScript • jQuery • React • Redux • HTML5 • CSS3 • Git • AWS • Google API • OAuth

Education & Training

App Academy, New York, NY • 1000-hour full-stack programming bootcamp with <5% acceptance rate (2016)
University of Buffalo, Buffalo, NY • MA Transnational Studies (2009-2013), 4.0 GPA, Presidential Fellowship
Trinity College, Hartford, CT • BA International Studies (2004-2009), 4.2 GPA, Student-Initiated Research Grant, Phi Beta Kappa

Professional Experience

Administrative Coordinator, The Graduate Center, CUNY, New York, NY (2014-'16)
- Optimized program workflow by introducing tighter data management practices with tools such as Oracle APEX, Argos reporting, and CMS
- Spearheaded an alumni outreach effort by reorganizing databases, and generating digital content
Teaching Assistant, AppAcademy, New York (2016, part-time) - Intro to Coding