Michael Shean

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Github   LinkedIn   Tumblr

Projects

Trackstack *(Rails, Backbone.js)*   Github Live
Social music web app inspired by SoundCloud
- Utilizes DOM/Backbone events to trigger CSS classes and transitions for dynamic UX features
- Renders audio waveforms with wavesurfer.js library
- Integrated with AWS S3 / Cloudfront for improved content storage and distribution

Escape from Krypton *(Javascript, Canvas)* Github Live
Javascript browser game based on the addicting 'Flappy Bird'
- Updates leaderboard via AJAX calls to custom Rails API
- Applies duck-typing of objects with similar behavior

Chess *(Ruby)* Github
Multiplayer chess playable in the console
- Multiple levels of class inheritance for all pieces to DRY up code

Skills

Ruby

Rails

Javascript

jQuery

Backbone.js

HTML

CSS

SQL

Git

Work Experience

Systems Analyst   February 2013 - July 2015
Highway Toll Administration, LLC.   Roslyn, NY

- Proactively reviewed SQL stored procedures to identify vulnerabilities in business operations. Revealed 60K+ vehicles in service with invalid tolling registration.
- Lead analyst in developing procedures for monitoring a dynamic vehicle fleet of over 1.5 million vehicles, ensuring their tolling compliance with 16 toll authorities and 100+ toll roads across the US, Canada, and Puerto Rico.
- Conducted backlog grooming for high-impact projects on Agile/Scrum teams. Most notably, a time-sensitive major process overhaul to meet PCI compliance.

Education

App Academy   July 2015 - October 2015
Immersive, full-stack web development training program with an emphasis on pair programming, coding style, and best practices (acceptance rate < 5%).

SUNY Old Westbury   2008 - 2012
Concentration in Management Information Systems