

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*) [Github](#) [Live](#)

Javascript browser game reminiscent of 'Flappy Bird'

- Front-end animation renders with HTML5 / Canvas
- 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 DRYs 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

Studied Management Information Systems