

RECENT PROJECTS

Chef Genius- Deployed: www.chef-genius.com | Source: <https://github.com/TyrusB/ChefGenius>

Users submit recipes for other users to annotate using highlighting UI similar to Rap Genius

Rails/Backbone.js App consuming RESTful API

- Polymorphic associations and concerns on Rails backend
- DOM traversal across Nodes and Elements through both jQuery and native JS methods
- Event aggregator utilized for complex editable/ annotatable subviews

Tyrello- Deployed: <http://tyrello.herokuapp.com> | Source: <https://github.com/TyrusB/Tyrello>

Task Manager app with drag and drop UI like Trello. Users have boards, lists, cards, and todo items.

Rails/Backbone.js app consuming RESTful API

- Drag and drop UI for cards and lists utilizing jQuery UI
- Ranking algorithm uses HTML5 data attributes to persist changes in card order after drag/drop
- Backend API uses jQuery to customize returned JSON
- Overrides Backbone Models' parse methods to utilize associational data from API

Cosmic Drift- Deployed: <http://tyrusb.github.io/Cosmic-Drift> | Source: <https://github.com/TyrusB/Cosmic-Drift>

Spaceships! Asteroids! Classic Asteroids-like arcade action using JavaScript and HTML5 canvas

- 'Drifts' in classic asteroids movement style. Uses trig to calculate rotation/movement direction
- Prototypal inheritance pattern using surrogate function
- Advanced keybinding with cooldowns for some actions and continuous registering of others

LANGUAGES AND SKILLS

Ruby, Rails, Python, JavaScript, jQuery, Backbone.js, Java (learning), SQL, PostgreSQL, RSpec, HTML, CSS, Git, TDD

WORK EXPERIENCE

Catalyst Prep Regional Director (San Francisco Bay Area, CA) August 2011 – July 2013

- Doubled size/revenue of region: coordinated 115 prep classes with \$500,000 of revenue generated
- Part of leadership team in an education startup environment during period of exponential company growth
- Analyzed data from education databases to better target potential partner schools
- Mentored new directors, helped manage tutors, and assisted management in forming company strategy

PowerScore LSAT Instructor (San Jose, CA) June 2011 – Present

- 99th percentile score on the LSAT, a logic (not law) based test
- Managed classrooms of up to 40 students. Positive feedback available upon request
- Responsible for creating lesson plans to augment standardized curriculum
- Condensed/articulated complex logical ideas into comprehensible parts

EDUCATION

Bachelor of Arts in English, University of Florida, 2007

- Associates Degree with Honors
- Attended as a National Merit Scholarship recipient