



## Projects

### Classy (Seating App) | [Live](#) | [GitHub](#)

*Backbone web application for the creation and management of classroom seating charts*

- Built original, single-page web app to create classroom seating charts utilizing Backbone, JavaScript and Ruby on Rails
- Utilized jQuery to create drag and drop UI to improve user experience
- Implemented user authentication using BCrypt
- Advanced Backbone-on-Rails patterns such as overriding Model#parse to create rails like associations
- Designed original database schema to for classes, students, desk-arrangements and seat assignments

### GitSnake | [Live](#) | [GitHub](#)

*Javascript version of classic arcade game*

- Created version of snake arcade game to be played in browser, using CSS and JavaScript to update the DOM, with a GitHub inspired twist

### Ruby Chess | [GitHub](#)

*Ruby game, built for the terminal*

- Use advanced class inheritance techniques to keep code DRY
- Created AI to capture opponent's pieces and move into check when available

## Skills

*Ruby | Javascript | jQuery | HTML | RSpec | Ruby on Rails | Backbone.js | git | SQL | CSS*

## Work History

### Bridgewater Associates

Westport, CT, September 2012 - April 2015

*Investment Associate, CEO/CIO Macroeconomic Research Team*

- Created original research and analysis on a broad range of macroeconomic topics for *Bridgewater Daily Observations*, a daily publication sent to all clients. Named author on many *Observations*.
- Managed creation of web application for CEO/CIO presentation at annual client summit
  - Project manager, working directly with third party team of engineers
  - Created original investment content for application and acted as day-to-day content expert for software engineers
- Designed and built interactive Tableau dashboards, using Alteryx and SQL to improve assessment of first-year investment associates

## Education

### App Academy

- Coded ~70 hours per week in intensive, 12-week bootcamp-style course. <5% acceptance rate.

### Dartmouth College, Magna Cum Laude

- B.A. in Economics, Minor in English, GPA: 3.76
- Captain of the Varsity Equestrian Team, Vice President of Tri Delta Sorority