

Derek Chan

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PROJECTS

Celadon (*Ruby on Rails, Backbone.js*) [Live](#) | [Github](#)

An online marketplace for Pokémon inspired by Amazon.com

- Dynamic product filtering through custom server requests & SQL
- Product-driven content and customer data (ex. number of unique views) is driven by nested associations
- Formulated custom AJAX requests for placing current user orders.
- Focus on UX/UI through responsive buttons and an integrated header

Falling Balls (*JavaScript, HTML Canvas*) [Live](#) | [Github](#)

A single player arcade game

- Integrates vectors/gravity for ball bouncing physics
- Updates player high scores through AJAX server requests

Tronsnake (*JavaScript*) [Live](#) | [Github](#)

A two-player remake of two classic arcade games - Tron and Snake

- Utilizes jQuery listeners for controls and mechanics
- Built for scalability (adding more snakes) and easy property changes

Chess (*Ruby*) [Github](#)

A terminal-based chess game against the computer

- Implemented through OOP, applying multi-class inheritance for DRY code
- Applied move algorithms to validate moves and detect for checkmate

SKILLS

Ruby	Rails	JavaScript	jQuery	CSS
Backbone.js	SQL	Git	HTML	TDD

EDUCATION

07/2015 - 10/2015

App Academy

Web development program

- < 5% acceptance rate, with a focus on pair programming

08/2010 - 05/2014

New York University, Stern School of Business

Bachelor of Science in Finance and Accounting

- GPA: 3.4/4.0

EXPERIENCE

08/2014 - 07/2015

Vimbly

Business Development - Account Manager

- Led and managed clients 300+ total accounts
- Spearheaded sales launches in 6 major cities including LA, Las Vegas, and Miami
- Improved the sales cycle by decreasing the sales process by 50% by modifying our CRM database and utilizing excel to create efficiencies

05/2013 - 08/2013

B. Riley & Co.

Equity Research Summer Analyst

- Worked closely with the senior analyst in drafting financial reports for 15 coverage companies in the Household Products and Personal Care sector