

# 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