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
- Exploits event listeners and simple UI designs for smooth gameplay

Tronsnake *(JavaScript)*   Live | Github
A two-player remake of two classic arcade games - Tron and Snake
- Utilizes jQuery listeners for controls and mechanics
- Enforces for scalability (adding more snakes) and easy property changes

Chess *(Ruby)*   Github
A terminal-based chess game against the computer
- Implemented through OOP, including 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	

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
- Lead and managed clients (300+ accounts total)
- Spearheaded sales launches in 6 major cities including LA, LV, and Miami
- Improved the sales cycle by decreasing the sales process time by 75%

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