

Michael Li

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Projects

Huddleup.site (Backbone.js, Rails)

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

Single-page webapp for pets to meetup, inspired by meetup.com

- Groups, Huddle Events, and Users share Images and Comments table via Rails' polymorphic associations
- Prevents lingering listeners on zombie subviews by utilizing a custom composite view class
- Custom authentication using Bcrypt to store secret hash without setting User#password

Thunderbird.js (Javascript)

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

2D browser shooter game with four different stages of enemies of increasing difficulty

- Ships and bullets inherit from the *MovingObject* class, all animations are customized and rendered by Canvas
- Player's highest score will be kept in browser's *localStorage*

Chess.rb (Ruby)

[GitHub](#)

Command prompt Chess game that can be played against another human or computer AI player

- Individual chess pieces inherits from either *Sliding Piece* or *Stepping Piece*, which inherits from *Piece* class
- AI player will always look to capture your piece before making a move

Skills

Ruby · Ruby on Rails · JavaScript · Backbone.js · jQuery · AJAX · SQL · git · TDD · HTML · CSS

Experience

Clinical Manufacturing Associate · StemCells Inc. · Sunnyvale, CA.

Sep 2014 - Jun 2015

- Built an excel application to monitor and control material inventory to prevent Stem cell harvest and reseed delays
- Increased reagent production to reduce labor cost by 15%
- Investigated and implemented guidelines for stem cell culture harvest deviations and MoxiFlow malfunction.
- Collaborated on a CRF backup system preventing millions in lost revenue

Team Leader · Patient Service at Kaiser Hospital · San Jose, CA.

May 2013 - Sep 2014

- Promoted to shift leader position and managed 20 hospital volunteers for good work after two months
- Responsible for coordinating and assigning patient care duties, and training new volunteers
- Voted volunteer of the month three times (of a group of 400 volunteers)

Quality Control · Elim Biopharmaceuticals, Inc. · Hayward, CA.

Jun 2011 - Feb 2013

- Promoted to Quality Control from lab technician, liaised between customers, executives, and sequencing lab manager to ensure client satisfaction and guided the sequencing department workflow aside from basic QC duties.
- Designed and launched primer-walking service with limited resources, which brought in new customers with expected \$72k annual revenue.

Education

App Academy, San Francisco, CA

Jun 2015 - Aug 2015

Full-stack web development course, 3% acceptance rate

University of California, Berkeley

Sep 2006 - Jun 2010

BA Integrative Biology



<http://cyspath.github.io/>



<https://github.com/cyspath>



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