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# DYLAN FOSTER

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[Portfolio](#)

## TECHNICAL EXPERIENCE

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### [Bettergram](#) ([demo](#))

*Rails, Backbone.js, Redis*

A clean and snappy web interface to Instagram feeds.  
Interacts with Instagram's API through OAuth 2.0.  
Uses Redis server caching for the client's feed, for a more responsive user experience.

### [ActiveRecord Lite](#)

*Ruby*

Replicates functionality of the ActiveRecord ORM.  
Heavy use of metaprogramming techniques.  
Implements model associations.

### [First Person Invaders](#) ([demo](#))

*Javascript, HTML5, jQuery*

Fresh twist on a classic space shooter: rotate the environment to stay alive.  
Uses HTML canvas element for graphics.  
Heavily utilizes prototypical inheritance.

### [Chess](#)

*Ruby*

CLI for playing chess.  
Robust object oriented design.

## LANGUAGES AND TECHNOLOGIES

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Ruby, Rails, JavaScript, Backbone.js, jQuery, WebSockets, SQL, HTML5, CSS3, git

## EMPLOYMENT HISTORY

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### **Mathematics Tutor (Onondaga Community College)**

2007-2009

Helped students understand class material on a daily basis.  
Tutored Calculus 1, 2, 3, Discrete Mathematics, and Linear Algebra.