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D YLAN F OSTER

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[Portfolio]

TECHNICAL EXPERIENCE

[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, Underscore.js*

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

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

EMPLOYMENT HISTORY

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.