Paul Clemente Alvarez

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Projects

Loopdigger – (http://loopdigger.net || https://github.com/pclalv/loopdigger)
A SoundCloud-inspired music community written in Ruby on Rails and Backbone.js.
- Asynchronous JavaScript allows for a seamless, single-page browsing experience.
- Uploads are stored on Amazon's S3 servers.

Bouncycastleroids – (http://www.pclalv.com/bouncycastleroids || https://github.com/pclalv/asteroids)
A browser port of the arcade classic with bouncy castle physics.
- Calculations are handled by JavaScript.
- JavaScript renders the results onto an HTML5 canvas element.

Rails Lite – (https://github.com/pclalv/Rails-Lite)
An exercise in rewriting the essential features of Ruby on Rails.
- Serves HTML; can be static or dynamically generated with ERB templates.
- Uses regex pattern matching to route requests.

Skills

Ruby, Ruby on Rails, JavaScript, Backbone.js, jQuery, PostgreSQL, HTML, CSS, Git, RSpec, TDD, pair programming

Education

App Academy
October 2014 – April 2015, New York, New York
- Studied principles and practice of effective web development in Ruby and JavaScript.
- Highly selective; less than 5% of applicants are accepted.

Rutgers – The State University of New Jersey
B.A. in Mathematics – October 2013, New Brunswick, NJ
- Advanced Calculus; Abstract Algebra; Linear Systems & Signals; C++

Experience

Network Engineer, Data Evolution, New York, NY, January 2014 – June 2014. I built office networks from the ground up by planning routes, running cables, and terminating at the server rack.