

Pancham Mehrunkar

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Projects

Expecto · [live](#) · [github](#)

Yelp Clone made with Rails + Backbone.js.

- Single page application using Backbone.js on top of a RESTful Rails API
- Implements filtering to sort businesses by category and area.
- Customized serialization to reduce data transfer.

Trails · [github](#)

Partially clones the functionality of Rails.

- Routes generated automatically by matching regular expressions.
- Parses params hash automatically from query string.

Asteroids · [live](#) · [github](#)

- Famous Atari game built for the browser using HTML5's Canvas and Javascript.

Skills

Ruby, Ruby on Rails, JavaScript, jQuery, Backbone.js, Angular.js SQL, Git, HTML, CSS, Matlab

Experience

Mechanical Engineer - Potomac Energy Group June 2012 - September 2014

- Involved in the design of over HVAC systems for residential and commercial buildings in the Washington D.C area
- Drafted construction drawings and designed HVAC systems, with an emphasis on sustainability and efficiency
- Selected equipment best suited for the clients needs

Mechanical Engineer, Intern - CS Consulting Engineers May 2011 - August 2011

- Drafted mechanical and electrical drawings.
- Maintained CAD details file system for easy access and reusability

Education

BS · Mechanical Engineering · Virginia Tech · 2012

Curriculum Highlights: Discrete Math, C++, Intro to Computer Organization, Differential Equations, Mechatronics, Controls

App Academy · October 2014 - Jan 2015

Immersive software engineering course with an acceptance rate of less than 5%. Focuses on web development with an emphasis on coding style and design patterns.