

# Pancham Mehrunkar

1061 Market Street · San Francisco CA · 94103 · (703)477-7532 · [pancham348@gmail.com](mailto:pancham348@gmail.com)  
[github.com/pancham348](https://github.com/pancham348) · [www.linkedin.com/in/pmehru](https://www.linkedin.com/in/pmehru) · [panchammehrunkar.com](https://panchammehrunkar.com)

## Projects

### **Expecto · live · github**

*Rails + Backbone.js app inspired by Yelp.*

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

- Designed over 15 HVAC systems for residential and commercial buildings in the Washington D.C area.
- Calculated heating loads, selected equipment, and wrote specifications
- Collaborated with architects, engineers and contractors to resolve issues that arose during the construction phase. All issues were addressed and all projects were delivered on time.

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

- Drafted mechanical and electrical drawings for residential, commercial and educational facilities in the Washington D.C area.
- Developed CAD filing system that increased accessibility and reusability of over 100 equipment drawings.

## 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.