PAUL ANGLAND

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https://github.com/pangland

PROJECTS

EasySeating

https://easyseating.herokuapp.com/#/
https://github.com/pangland/ProjectSetup

EasySeating is an Opentable-inspired single page web app made using React and the Rails framework.
- Connected searchbar input to AJAX requests so that restaurant options are rendered in real-time
- Created reusable, DRY React components to improve readability and scalability
- Utilized ActiveRecord functions and database indexing to simplify and expedite complicated searches

ExplodingNumbers

https://pangland.github.io/JavaScript-Proposal/
https://github.com/pangland/JavaScript-Proposal

ExplodingNumbers is a mathematical matching game that 'explodes' in difficulty the longer you take.
- Used HTML5 Canvas for rendering the game and animating all onscreen behavior
- Assigned mouse behavior to event listeners to promote easy interactivity with the game screen

SKILLS

JavaScript, Ruby, Rails, RSpec, React, Redux, jQuery, SQL, HTML, CSS, Git, Java, Matlab

EXPERIENCE

Software Engineer

Laboratory for Laser Energetics, Rochester, NY   *May 2014 - December 2016*
- Created a custom simulated annealing algorithm that optimized complex multiparameter data profiles
- Improved efficiency of comparison between synthetic and real data by one order of magnitude
- Designed a way to find error of plasmas that underwent the Angular Filter Refractometry diagnostic.

Education

App Academy, *New York, NY*   *July 2016 - September 2016*
- Rigorous 1000-hour software development curriculum with < 3% acceptance rate
- Topics include: TDD, scalability, algorithms, OOP, coding style, and web development best practices

University of Rochester, *Rochester, NY*   *August 2011 - May 2015*
- Bachelor of Science, Physics
- Professor's Choice Award for Best Natural Science Research, 2015