

ALAN URAZ

Software Engineer

9 Greene Ave., Apartment 2, Brooklyn, NY 11238 || 707-843-6547 || alanuraz@gmail.com

www.alanuraz.com  www.github.com/aloonballoon  <https://www.linkedin.com/in/alanuraz/>

PROJECTS

SofaSkipping (Ruby on Rails, React.js/Redux)

[live](#) | [github](#)

A single-page hospitality and social-networking site inspired by [CouchSurfing](#)

- Utilises Autocomplete by Google Places API to render locations worldwide, as well as seeding locations into the database, resulting in increased location specificity and faster subsequent AJAX requests
- Allows users to dynamically update travel plans, write reviews and messages, and render worldwide locations, without page refresh lag due to React and Redux front-end architecture
- Integrates Amazon Web Services (AWS) cloud-storage to host user photos, minimizing local server load and allowing site to scale

Ninja Pop (JavaScript, HTML5)

[live](#) | [github](#)

Browser-based game inspired by BubbleTrouble

- Incorporates HTML5 canvas for dynamic and fluid animation
- Tracks key controls with jQuery event listeners for responsive gameplay

Datafy (Ruby, SQL)

[live](#) | [github](#)

A light ORM inspired by Active Record

- Creates Object Relational Mapping using core metaprogramming concepts in Ruby
- Modules and multiple levels of inheritance keep code DRY

SKILLS

- Programming Skills: React, Redux, JavaScript, jQuery, Ruby on Rails, Ruby, SQL, AWS, HTML, CSS, Git

EXPERIENCE

Trevi Systems, Inc. - Petaluma, California

2014-2018

Senior Field Service Engineer

- Head of commissioning and operations for both international and domestic sea water desalination systems. Oversaw and completed six full-time projects, delivering successful products to clients on-time
- Oversaw teams of 2-5 field service engineers, leading them through all steps of the commissioning and operational process
- Extensive experience troubleshooting electrical, process, and mechanical problems, reducing operational downtime

EDUCATION

App Academy

May-August 2018

- Intensive, 1000 hour programming bootcamp with <3% acceptance rate teaching Rails, SQL, JS, algorithms, TDD, and design patterns

University of California, Berkeley

2013-2014

- M.S. Chemical Engineering, G.P.A. 3.75

University of California, Santa Cruz

2007-2011

- B.S. Molecular Biology, Astrophysics Minor, G.P.A 3.69
Cum Laude, Honors in the Major