

# Travis Randolph

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## EXPERIENCE

### TixTrack Inc. (nliven)

Santa Monica, CA

#### Full Stack Developer

May 2014 – Present

- One of two engineers building a next generation live-event ticketing platform (ecommerce for tickets)
- Built a RESTful API using .NET that accesses a relational database.
- Created mobile-friendly and rich UX using for customers and new administrative tools to enhance productivity using AngularJS.
- Developed algorithms to quickly update thousands of seats spanning multiple events.
- Implemented algorithm to rank seats based on angle and distance, coupled with a visualization tool to see how seats would sell via 'Best Available.'

## PROJECTS

### <http://www.sharebnbapp.herokuapp.com> | [GitHub](#)

Re-creation of vacation rental site Airbnb.com. Single page app using backbone and RESTful API design. Google Places API autocompletes search bar, map view displays results. Server side logic calculates which listings fall within the map view at every zoom level. Custom queries handle rental approval requests to prevent overlapped bookings. Intra-site messaging system allows users to coordinate travel plans.

### [www.taskdragger.com](http://www.taskdragger.com) | [GitHub](#)

Task management site for organizing projects (re-creation of Trello). Backbone app consuming RESTful Rails API. Custom CompositeView extension from the backbone View handles rendering of multiple collections on one page. Rich user interaction featuring drag-and-droppable items with JQuery UI plugin.

### MonoRails | [GitHub](#)

A thin MVC server side web framework powered by WEBrick. Performs the heavy lifting for jumpstarting a web app, including rendering templates, conventional parameter parsing, and cookie management.

## LANGUAGES AND TECHNOLOGIES

Ruby on Rails	AJAX	PostgreSQL,
JavaScript	JQuery	.NET
AngularJS	SQL	C#
Backbone.js	Node.js,	

## EDUCATION

### University of Southern California, Viterbi School of Engineering

May 2012

Bachelor of Science in Chemical Engineering

GPA 3.14