

Jair Trejo

Full-Stack Software Engineer

contact

(415) 426 0010

jair@jairtrejo.mx
http://jairtrejo.mx

languages

english, spanish &
intermediate japanese

programming

★ Python
Javascript, Clojure
CSS3 & HTML5

technologies

Django
Backbone, ReactJS
Git, Gulp, Vagrant

experience

- 2016–Now **LinkedIn** San Francisco, CA
Senior UI Engineer
I develop new features for LinkedIn's checkout page, and mentor my fellow UI Engineers
- 2015–2016 **Chegg Inc.** San Francisco, CA
Senior Full Stack Software Engineer
I had responsibility and ownership over not only the features I build, but the codebase as a whole. I built new features across the stack, particularly focusing on the time tracking and billing systems.
- 2013–2014 **Vinco Orbis Proyectos SA de CV** Mexico City, Mexico
Director of Operations
I was tasked with streamlining the development process to ensure the quality and timeliness of our projects.
- 2012–2014 **Vinco Orbis Proyectos SA de CV** Mexico City, Mexico
Project manager
I was responsible of consulting with clients and managing development teams for web development projects.
- 2011–2012 **Vinco Orbis Proyectos SA de CV** Mexico City, Mexico
Senior Web Developer
I developed web applications in PHP and Django, usually moving up and down the stack from deployment to client side programming.

education

- 2005–2010 **Mechatronics Engineering** IPN UPIITA
Mechatronics
The study and design of devices and systems that offer sophisticated behavior through a synergy of electro-mechanical subsystems.

talks and presentations

- 2014 **Non Sequitur: An exploration of Python's random module** EuroPython 2014 - Berlin
An exploration of Python's random module for the curious programmer, this talk gives a little background in statistics and pseudorandom number generation, explains the properties of python's choice of pseudorandom generator and explores the different distributions provided by the module.
- 2013 **Fabric for fun and profit** PyCon Asia Pacific 2013, Tokyo
Presentation on Fabric, a Python tool for performing systems administration tasks through ssh. It introduces the tool and explains how we use it for Vagrant development at Vinco Orbis.

relevant links

- Home page  **Home page and blog**
<http://jaitrejo.mx>
- Github  **Open source projects**
<http://github.com/jaitrejo>
- Linked In  **Professional information and networking**
<http://mx.linkedin.com/in/jaitrejo>

featured projects

- 2015 **Get Kana!** <http://getkana.com>
Designed and developed a mobile app for learning Japanese writing on the go. It was fun to go through the whole cycle, from UX design to development to release in app stores. I even did the whole graphic design for the logo, promo images and of course the app itself.
The web version uses progressive web app techniques to make it work offline and to allow users to install it to their home screens. It got featured in the <https://operasoftware.github.io/pwa-list/>.
I also later wrapped it using Phonegap to make it available in the Google Play Store and the Apple App Store.
- 2013 **Database of competition law rulings** <http://base.crcal.org>
Consulting, coordination and user experience design for a database of rulings on competition law matters accross Latin America. Built for the *Centro Regional de Competencia para América Latina*.
I explored the provided taxonomy for the rulings and defined a CouchDB database structure for storing them. I also coordinated the development effort by a team of three people, and designed the user interface for the project, including the ruling upload screen, a directory of all rulings and a search interface, according to the needs of our clients.
- 2012 **Datoz** <http://datoz.com>
Development of a real estate information browser. It provides a backend for entering detailed, bilingual information on offices, industrial properties and tenants along with their geographical position; and a frontend for real estate agents to search for them by geographical area.
Some interesting aspects of the project are: Integration with Google Maps for input (polygon search) and output (showing buildings on the map), internationalization (both the interface and content are bilingual) and using PostGIS for geographical information storage and retrieval
- 2012 **TuOla** <http://tuola.mx>
Development of a rewards system for “green” activities. Users can register some “green programs” on the site (public bicycle lending program, garbage recycling, etc.) and they receive points every time they use them, which they can exchange for rewards.
As the sole developer for the first part of the project I added social network integration, some image processing and learned to use Twitter Bootstrap.
After the initial phase, I coordinated a development team to grow the site and add more features.