

Santiago Borrazás resumé

Last updated 2016-03-27

Santiago is a back-end and front-end software engineer specializing in creating web applications.

Goal

Create the best software and user experience to help people have a better life.

Experience

Automated trading system

Software engineer

March 2015 - now

Developed and maintained a system for running automated trading algorithms. Including:

- Ported parts of the existing Java system to Jython (a Python implementation for the Java platform). We found that for many tasks, such as writing trading strategies or writing tests, Java was getting in our way. I created a test suite in Jython, ported a third of the existing tests, and ran the un-ported Java tests from the Jython test suite.
- Created a tool to read production log files and generate charts using D3. This tool allowed us to compare production trading data against our simulations.
- Developed a scraper to acquire economic data and use it in both our simulations and in our production code.
- Analyzed market data to develop new algorithms.
- Monitored the system to see if the trading strategy was performing as expected.

We pair-programmed and used test-driven design (TDD).

Ekumen

Web developer

December 2013 - March 2015

Worked for [Celery](#) (a Y-Combinator backed startup that offers a platform for pre-orders) maintaining and developing new features in the dashboard app. Including:

- Implemented a utility to help customer support migrate heterogeneous CSV files from clients and import the data into the platform.
- Refactored many styles in the app, removing custom layouts and styles in favor of using Bootstrap components. These changes dramatically reduced the complexity of the stylesheets.
- Thanks to the extensive use of Bootstrap, I was able to make several parts of the app mobile friendly.

Used agile methodologies, we had planning meetings twice a month, daily scrums and telepresence.

55Social

Web developer

March 2013 - November 2013

55Social was a Facebook marketing platform. I worked on the publishing module developing new features and improving

the existing codebase.

- Implemented several features to help the company become a Preferred Marketing Developer (PMD) in the Facebook marketing partner program. These features included being able to send private messages with images and uploading video posts.
- Used Spring and Hibernate to help fix bugs in the back-end of the publishing module.

Worked with agile methodologies, with daily scrum meetings and monthly planning meetings.

Despegar.com

Web developer

September 2012 – March 2013

Worked in the front-end of the Auto section of Despegar.com (one of the most important travel websites in Latin America), implementing new features, including:

- Developed a crawler-friendly version of the search section using PhantomJS. We would have preferred to generate these pages using Java, but the search section had complex logic (including rendering) in Javascript. Time was an important factor, and we delivered this in a few weeks.
- Implemented several new features into the website such as a price comparison grid, improved the payment form, and added a car upselling feature, showing a better deal after having rented a car.
- Introduced the team to several good practices such as code conventions and Javascript debugging.

Globant

Web developer

October 2010 – September 2012

Designed and developed various web-based applications.

- Built an example app for MySpace to demo how to use MySpace's Javascript API.
- Worked on various internal apps for J. Walter Thompson (one of the most important international advertising agencies). Started to work with some new technologies back then: Backbone, Mustache, Handlebars, and Node.

We used agile methodologies: daily scrum meetings and bi-monthly planning meetings. The code review process was a great tool.

Webs with love

Freelance Software Engineer, Graphic Designer

October 2008 – September 2010

Freelance Web Development and Software Engineering.

- Built a board game in AS3 for a non-profit marketing consultant.
- Designed and developed an app to track stock in stores for a marketing agency in PHP using CodeIgniter framework.
- Designed websites using WordPress. Also maintained some osCommerce and Drupal websites.
- Learned how to manage projects, deal with clients, and market my services.

W3 Comunicaciones

Web developer

November 2006 – June 2008

Developed and maintained various web-based projects for Citibank's Latin American websites. Introduced the team to table-

less designs, using just CSS to change the webpage appearance.

Education

2013 - 2020 (Expected)

Computer Engineering @ Universidad Argentina de la Empresa (UADE).

Skills

Technical

Java
Python
Javascript (ECMAScript 5 and 6)
Javascript frameworks (Backbone, JQuery, YUI, Prototype)
HTML5
CSS 2.1 and 3
Semantic HTML
Social APIs (Twitter, Facebook, OAuth)
PHP
CMS/osCommerce (Magento, WordPress, Drupal)
SQL
ActionScript 3
Git
Linux
Agile software development

Creative

Web design
UI design
Concept Art
Photography
Photoshop

About

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