

Diego Berrocal

The programmer you've been grepping for.

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EXPERIENCE

eBay, New York— Full-Stack Software Engineer

FEBRUARY 2016 - PRESENT

Worked on the eBay homepage, major accomplishments include:

- Maintain several Java services that provide data for the homepage.
- Revamped the homepage experience using eBay's open source projects [Marko/Lasso](#) which are [alternatives](#) to React/Webpack.
- Added infinite-scroll capabilities, which involved diving into the new NodeJS backend and frontend, and implementing a sophisticated client-side caching of page state so that users can navigate outside the homepage and back without having to do multiple requests.
- Collaborated with team in California to adapt an internal configuration management tool built in React/Redux to our use case.
- Contributed to the growth of our open source Javascript module bundler Lasso by improving edge case handling.

Recurse Center, New York— Programmer

SEPTEMBER 2015 - DECEMBER 2015

The Recurse Center is a self-directed, educational retreat for people who want to get better at programming. I pair-programmed, mastered Emacs Lisp and contributed to one of the biggest Open Source Emacs distribution of configurations [spacemacs](#).

McMaster University, Ontario — Research Student

DECEMBER 2014 - APRIL 2015

Implemented the watershed algorithm for partitioning molecules following guidelines from the Quantum Theory of Atoms in Molecules (QTAIM)

SKILLS

Functional, Reactive and Object-Oriented Programming experience.

Javascript:
NodeJS backend development
Module Bundlers: Webpack, Lasso
View Libraries: React, Marko
Bluebird Promises
RxJS Observables

Python:
OOP oriented
Backend: Django, Flask
Async handling: Tornado
Provisioning servers with Ansible and deploying with nginx and Guicorn setup

PROJECTS

[Sweetgreen.el](#) — Order salads from your text editor

Reversed engineered a salad ordering service's API and created a client library for it in LISP.

TALKS

[Order Salads from your Editor](#)

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