

# Porfirio Matias

Software Engineer



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<https://github.com/SSJ6Porfy>

## TECHNOLOGIES

JavaScript

Ruby

Python

Rails

Django

SQL

React

Redux

RESTful API

HTML

CSS

RSpec

## EDUCATION

App Academy  
Highly Selective  
12 Week Bootcamp  
San Francisco, CA  
2017

BACHELOR OF SCIENCE  
Corporate Finance  
University of Massachusetts  
Lowell  
2003 - 2007

## PROJECTS

**OSONO** - A single page web application for project management

Site - <https://osono.herokuapp.com/> -

Rails, PostgreSQL, RESTful API, Javascript, React/Redux

- Engineered entire application using Rails backend with React/Redux frontend that leverages Flux architecture for streamlined data management and fast component rendering
- Successfully applied RESTful API design for simplified CRUD functionality
- Equipped application with secure User Authentication so users can create profiles and manage their accounts

**1820** - A Javascript data visualization project of US Immigration patterns

Site - <https://ssj6porfy.github.io/US-Immigration-Visualizer/> -

Javascript, MapBox API, d3.js

- Integrated MapBox API to fetch custom-drawn map for world backdrop.
- Engineered custom algorithm using combination of d3.js and vanilla JS to produce scalable vector graphics to represent the immigration flow of a nation using flow lines (Flow line speed is determined by population size)

**TRANSLATE OVERFLOW** - A community-driven translation service web application

Site - <http://translateoverflow.herokuapp.com/> -

Python, Django, RESTful API, React/Redux

- Led efforts of frontend design that produced a smooth and engaging UI while adhering to the principles of Google Material Design.
- Integrated machine translation service using Yandex Translation API so users have a viable translation to work with instantaneously
- Designed custom user authentication so users can still engage with the application without login.

## EXPERIENCE

**Associate - Project Finance**

**Gordon Brothers Group - Boston, MA**

Sep 2011 - Jun 2017

- Used VBA in excel environment to create custom macros, still in use by my colleagues, to mine large data sets
- Built formula/link driven Profit & Loss statements leveraging macros that inserted from the company accounting system
- Received highest possible score for annual review in all 6 years of employment

**Finance Associate / Accountant**

**Microfinancial, Inc., Woburn, MA**

Oct 2008 - Feb 2017

- Revamped the entire position, implementing data driven analytics using Microsoft Office platform
- Built custom macro using VBA that reduced accounts payable report that prior to my arrival took 2 days to complete down to 45 minutes.
- Created several custom reports of previously unexamined data for review by the Board