

Michael Pérez

mpuhrez@gmail.com

+ 1 (939) 579 2617

<https://puhrez.com>

A software engineer developing elegant, yet pragmatic, *data-driven digital experiences* enabling exploration, discovery, and profit.

Web

- ✖ Python
- ✖ Django (REST/CMS)
- ✖ VueJS
- ✖ CSS3/HTML5
- ✖ Web Animation
- ✖ Flask
- ✖ Angular
- ✖ REST API design
- ✖ AWS S3, Route 54, Cloudfront, Lambda
- ✖ Terraform
- ✖ Ansible
- ✖ Semantic Markup
- ✖ Docker
- ✖ SASS
- ✖ Gulp
- ✖ Selenium
- ✖ Jenkins

Data

- ✖ SQLAlchemy
- ✖ (py)Spark
- ✖ Seaborn
- ✖ Data modeling
- ✖ RabbitMQ
- ✖ Celery
- ✖ AWS S3, Kinesis, SQS, SNS, Redshift
- ✖ PostgreSQL
- ✖ numpy
- ✖ ETL process design

Experience

ChatID/Welcome Data Engineer

May 2015 - December 2016

- ↳ Collaborated with data scientists to optimize a qualitative analysis platform using Python, SQLAlchemy, numpy, pySpark, and toolz.
- ↳ Architected, implemented and deployed a streaming ETL pipeline based on AWS Kinesis, Lambda, SNS, and SQS with a reporting layer to increase chat moderation efficiency, allow real time monitoring, and ease analytics integrations.
- ↳ Collectively established new deployment strategies and standards on AWS with Terraform, Docker, Jenkins, and Ansible.
- ↳ Developed a pySpark utility library for adhoc analysis of AWS S3 logs in iPython notebooks.
- ↳ Led development of a scraper-based health check service built with lxml and Selenium for deployments on a major US retailer.
- ↳ Wrote a Spark & S3 file manipulation library in Clojure to support Data Warehousing in Redshift.

Freelance

January 2017 - June 2018

- ↳ Contributed to a NYC-based Real Estate company's Angular 2 and Laravel System.
- ↳ Addressed issues with PR-based distribution company's React Native powered inventory UI.
- ↳ Deployed and provided training for ETL orchestration using Jenkins.

Bonsai Tiger

June 2018 - Present

- ↳ Delivered a highly animated web campaign for an international business publication with GreenSock and SASS.
- ↳ Designed and developed RESTful APIs for the management of media assets, form creation, pages, and organizations using Django REST Framework, Django CMS, and AWS S3.
- ↳ Implemented a web client built with VueJS, Webpack, Anime.js, and SASS to provide a slick marketing campaign management wrapper around Django CMS.