Cory Dominguez

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Experience

Software Engineer, imgix — 2018-03 to present

Web API for powerful image processing.
- Building web APIs in Python Tornado.
- Data ETL with Airflow, BigQuery, MySQL, Mongo.
- Testing framework for Varnish Cache.

Software Engineer, Chartboost — 2015-06 to 2018-03

Advertising technology company for mobile games.
- Data model design.
- Building high performance web APIs in Scala Play Framework.
- Utilizing MySQL, Redshift, Hive and Elasticsearch databases.
- Operations with AWS, Spinnaker and Consul.

Software Engineer, Yahoo — 2013-08 to 2014-11

Yahoo acquired Lexity and re-branded Commerce Central. I focused on scaling the extraction service. We also implemented a collocation of our infrastructure using Percona cluster to maintain consistency between MySQL masters.

Software Engineer, Lexity — 2013-01 to 2013-08

A startup that built applications for e-commerce merchants. I contributed to the merchant data extraction and normalization service. Primary datastore was MySQL, and the service ran on Groovy on Grails.

Projects

or, The Whale

NLP comparison between the original and an abridged version of the novel Moby Dick; or, The Whale. Using Python 3 and spaCy.

python.mk

A Makefile that contains the seed of a python development environment. Read the
announcement.

Comic Gator

Open source webcomic aggregator and RSS feed generator. Notable features:
- CDB: the comic database designed in PostgreSQL and organized by Sqitch.
- Lurker: a web crawler and RSS feed pipeline with Scala.

Skills

- **Design:** Proficient in web APIs, reverse proxies, .
- **Languages:** Proficient in Scala and Python. Basic in Golang, and Javascript.
- **Tools:** Proficient in Linux, Git, Spinnaker, Docker and AWS. Knowledgeable in
  Kubernetes, Nginx, HAProxy and Google Cloud.
- **Data:** Proficient in MySQL, PostgreSQL, Mongo, BigQuery and Redshift.
  Knowledgeable Hive, Elasticsearch, and Airflow.

Education

Alumnus, Recurse Center — 2015-02 to 2015-05

A self-directed educational retreat for software developers. While there I started my
favorite side project Comic Gator, powered up on Scala, and explored the beauty and
quirkiness that is PostgreSQL.

University of California — 2009

Major: Applied Physics (Incomplete)