Cory Dominguez

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Experience

Software Engineer, imgix — 2018-03 to 2018-12

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

Marketing tools 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 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, and data ETL pipelines.
- **Languages:** Proficient in Python and Scala. Basic in Golang, and Javascript.
- **Tools:** Proficient in Linux, Git, Docker, Nomad, Google Cloud, and AWS. Knowledgeable in Spinnaker, Nginx, and Kubernetes.
- **Data:** Proficient in MySQL, PostgreSQL, MongoDB, BigQuery, and Redshift. Knowledgeable in 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 side project Comic Gator, powered up on Scala, and explored the beauty and quirkiness that is PostgreSQL.

University of California — 2009 to 2011

Major: Applied Physics (Incomplete)