Cory Dominguez

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Experience

Software Engineer, <u>imgix</u>

San Francisco, CA — 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, <u>Chartboost</u>

San Francisco, CA — 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, <u>Yahoo</u>

Sunnyvale, CA — 2013-08 to 2014-11 Yahoo acquired Lexity and rebranded Commerce Central. I focused on scaling the extraction service. We also implemented a colocation of our infrastructure using Percona cluster to maintain consistency between MySQL masters.

Software Engineer, Lexity

Mountain View, CA — 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

<u>or, The Whale</u>

2018-10 to present NLP comparison between the original and an abridged version of the novel Moby Dick; or, The Whale. Using Python 3 and spaCy.

python.mk

2018-01 to present A Makefile that contains the seed of a python development environment.

ComicGator

2015-02 to present 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

Manhattan, NY — 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

Santa Cruz, CA — 2009 Major: Applied Physics (Incomplete)