# Cory Dominguez

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# Experience

## Software Engineer, [imgix](https://www.imgix.com/) — 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](https://chartboost.com) — 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](https://commercecentral.luminate.com/) — 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](https://github.com/c11z/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](https://github.com/c11z/python-mk)

A Makefile that contains the seed of a python development environment. Read the [announcement](https://medium.com/@c11z/python-mk-4dff070b4dce).

## [Comic Gator](https://github.com/c11z/comicgator)

Open source webcomic aggregator and RSS feed generator. Notable features:

* [CDB](https://github.com/c11z/comicgator/tree/master/cdb): the comic database designed in PostgreSQL and organized by Sqitch.
* [Lurker](https://github.com/c11z/comicgator/tree/master/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](https://recurse.com) — 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)