

# Cory Dominguez

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## Experience

**Senior Data Engineer, [Vacasa](#)** — April 2019 to Present

Vacation rental property management.

- Implement a multi environment Airflow deployment
- Setup EMR cluster to leverage Hive, Presto and Spark tools in building models in our S3 data lake
- Support 250 analysts and 27 engineering teams
- Launch custom data catalog
- Host data engineering office hours to support mentoring

**Software Engineer, [imgix](#)** — March 2018 to December 2018

Transforms, optimizes, and intelligently caches your entire image library for fast websites and apps using simple and robust URL parameters.

- Expanded the analytics web API in Python / Tornado / MySQL
- Pipelines in Airflow to sync state between third part services
- Validation and testing framework for Varnish Cache VCL configuration
- Analysis and research with Google BigQuery

**Software Engineer, [Chartboost](#)** — June 2015 to March 2018

Leading in-app monetization and programmatic advertising platform.

- Extensive refactor of the analytics web API in Scala / Play Framework
- ETL in Airflow to aggregate and deliver data from Hive to MySQL / Redshift
- Pioneered continuous delivery of stateless services using Spinnaker

**Software Engineer, [Yahoo](#)** — August 2013 to November 2014

Yahoo acquired Lexity and re-branded it as Commerce Central.

- Scaled the extraction service
- Colocated MySQL with Percona Cluster

**Software Engineer, Lexity** — January 2013 to August 2013

Marketing tools for e-commerce merchants.

- Started as an intern and accepted full time offer after 3 months
- Owned the merchant data extraction and normalization service in Groovy on Grails / MySQL

## Projects

### [or, The Whale](#)

NLP comparison between the original and an abridged version of the novel Moby Dick. Using Python and spaCy. Delivered as a talk at [Starcon 2019](#).

### [python.mk](#)

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

### [Comic Gator](#)

A webcomic aggregator and RSS feed generator.

## Skills

- **Design:** Proficient OLTP and OLAP data models, and data pipelines with Airflow.
- **Languages:** Proficient in Python and Scala.
- **Tools:** Proficient in Linux, Git, Docker, Nomad, AWS and Google Cloud.  
Knowledgeable in Spinnaker, Nginx, and Kubernetes.
- **Data:** Proficient in Airflow, MySQL, PostgreSQL, Redshift, Hive, and Presto.  
Knowledgeable in BigQuery, MongoDB, Spark, Kafka, and Elasticsearch.

## Education

Alumnus, [Recurse Center](#) — *February 2015 to May 2015*

A self-directed educational retreat for software developers.

University of California, Santa Cruz — *2009 to 2011*

Major: Applied Physics (Incomplete)