# Cory Dominguez

corydominguez@gmail.com // (347) 725-0527

[ linkedin.com/in/corydominguez ] [ github.com/c11z ] [ medium.com/@c11z ]

## Experience

**Senior Data Engineer, Vacasa** — April *2019 to Present*
Vacation rental property management.
- Deployed a multi environment Airflow
- Set up an EMR cluster to leverage Hive, Presto and Spark tools
- Launched a custom data catalog
- Supported 250 analysts and 27 engineering teams

**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*
Mobile gaming 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
- Set up and internally promoted ELK stack for centralized logging
- 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

**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

**Data Lagoon**

A curious collection of data for friends.

**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

- **Languages:** Expert in Python. Proficient in Scala.
- **Pipelines:** Expert in Airflow. Proficient in Prefect and DBT.
- **Infrastructure:** Expert in Docker, Terraform and AWS. Knowledgeable in Spinnaker, Nomad, Kubernetes, and Google Cloud.
- **Databases:** Proficient in MySQL, PostgreSQL, Redshift, Hive, Presto, and Snowflake. Knowledgeable in BigQuery, MongoDB, Spark, Elasticsearch, and Kafka.

# 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)