

Cory Dominguez

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Experience

Data Engineer, [Meta](#) (WhatsApp) — March 2021 to Present

- Instituted Oncall Office Hours, a team of volunteers established to improve the oncall experience.
 - Lead an efficiency project that reclaimed 25% of storage utilization in the warehouse.
 - Provided documentation and training presentations on Access Control List (ACL) design, and Data Quality (DQ) Check investigations.
 - Mentored a dozen Data Engineers, Scientists and Researchers on warehouse tools and policies.
- Data lead on WhatsApp end-to-end encryption server integration with Facebook Messenger app.
 - Brokered alignment on performance metrics that resulted in an improvement of p90 latency by 15% and success rate by 20%.
- Data lead on integration with Meta survey infrastructure.
 - Designed data governance and access controls for critical commitments with EU regulators.
 - Acted as single thread owner for a paramount survey and analysis relating to earnings call reporting.
 - Authored the workflow documentation that coordinated the insights organization on user targeting, sampling, registration, response collection and weighting.
- Data lead for Public Service Announcement (PSA) feature.
 - Including data validation, metric definitions, pipelining, and dashboarding for the marketing team.
- Contributed to de-identification of User Identifiable Information (UII) design and implementation.

Data Engineer, [Vacasa](#) — April 2019 to February 2021

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

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

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

Software Engineer, Lexity — January 2013 to August 2013

Projects

[or, The Whale](#) — NLP comparison between the original and an abridged version of Moby Dick.

[python.mk](#) — A Makefile that contains the seed of a python scripting development environment.

[Git Tableflip](#) — Bash script to realize <https://xkcd.com/1597/>

[Comic Gator](#) — A webcomic aggregator and RSS feed generator.

[Solitaire](#) — An output-feedback mode stream cipher designed by Bruce Schneier and popularized in the Cryptonomicon by Neal Stephenson.

Skills

Languages: Expert in Python. Proficient in Scala.

Pipelines: Expert in Dataswarm and Airflow. Proficient in Prefect and DBT.

Visualization: Expert in Unidash. Proficient in Looker.

Infrastructure: Expert in Docker and Terraform. Proficient in AWS. Knowledgeable in GCP.

Databases: Expert in Presto, Hive, SparkSQL and Redshift. Proficient in MySQL, PostgreSQL, Snowflake and BigQuery. Knowledgeable in MongoDB 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 2020

Bachelor of Science in Applied Physics