

Mike Dillion

CONTACT INFORMATION

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EMPLOYMENT

Corteva (DowDuPont Agriscience)

Data Engineer

April 2018 — September 2018

- Added scheduling and subscriptions to a spatiotemporal remote sensing data ingestion platform.
- Stack: Python, PostGIS, Django Rest Framework, Zappa. AWS Fargate, API Gateway, Lambda, SQS.

Driftwood Laboratories

Partner

March 2017 — Present

- Designed and developed a market segmentation analysis platform focused towards small businesses and regional markets.
- SaaS solution uses Rails, a Python ETL pipeline, and Spark for analysis.

Enigma

Data Engineer

August 2015 — February 2017

- Expanded a Python ETL framework with patterns and experiences gained from ingesting thousands of datasets from a broad range of sources.
- Deployed data infrastructure product stack inside client networks and worked in concert with counterparts to ingest private data.
- Developed tooling to provide complete and robust metrics for project management of data ingestion.
- Worked on several engagements with clients such as Merck Group and Two Sigma.

CirrusMio

Software Engineer

September 2013 — August 2015

DevOps Engineer

June 2012 — February 2013

- Developed Chef cookbooks and infrastructure used to develop, provision, deploy, and scale Rails web applications.
- Practiced and advocated DevOps principles of shared responsibility and ownership during all phases of product development.
- Designed and implemented in-house solutions for continuous testing and integration of Rails web applications.
- Developed several Rails microservices for single sign on, geospatial, and payment to be utilized by current and future web applications.
- Developed, marketed, and launched a local business engagement platform for #GivingTuesday, the international day of giving.
- Clients: Pivotal, Lexmark International, Piston Cloud Computing

Blue Frame Technology (Volar Video)

Infrastructure Engineer

February 2013 — September 2013

- Designed, deployed, and maintained product infrastructure for a nation-wide streaming platform using Chef.
- Developed pipelines for ingesting and analyzing player metrics and platform performance.
- Transcoded and migrated 40 TB of legacy video content from local co-location to AWS.
- Migrated several legacy web products from disparate data centers to AWS.

University of Kentucky, College of Arts & Sciences, The Hive

Student Developer

February 2011 — June 2012

- Collaborated with Arts & Sciences graduate students and faculty to develop web-based applications to present and support their research efforts.
- Developed Drupal extensions and integrations for the college's multi-tenant portal.
- Added features and maintained an in-house technical support ticketing system built with C# and ASP.net.

EDUCATION

University of Kentucky

B.S., Computer Science

Minor in Mathematics

Lexington, KY

August 2012

PROFESSIONAL
AFFILIATIONS**GeoNYC** — NYC Geospatial Meetup group

Co-Organizer

December 2016 — March 2017

maptimeNYC — maptime Chapter

Co-Organizer

September 2015 — March 2017

maptimeLEX — maptime Chapter

Co-Organizer

Winter 2014 — September 2015

OpenLexington — Code for America Brigade

Civic Hacker

Co-Captain

2012 — Present

Fall 2014 — September 2015

ACM — UK Student Chapter

Treasurer

Fall 2011 — Fall 2012

Collexion — Local Hackerspace

Founding member

February 2008 — September 2015

SPEAKING

Digital Currencies Before the Advent of Bitcoin

Presented at the Lexington Blockchain Meetup

November 2017

Introduction to Turf.js

Given at MaptimeLEX and MaptimeNYC meetups

September 2015

Guest Lecture on Distributed Version Control

University of Kentucky, Graduate Software Engineering, CS 616

February 2015

♪ (Git)ting to know you, getting to know all about Git! ♪
Two-hour talk and workshop open to the community

November 2014

VOLUNTEERING

Big Brothers Big Sisters of the Bluegrass
Big Brother

November 2014 — September 2015