

Mike Dillion

CONTACT INFORMATION

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EMPLOYMENT

Driftwood Laboratories

Partner

March 2017 — Present

- Designing and developing a market segmentation analysis platform focused on small businesses in regional markets.
- SaaS solution uses Rails, a Python ETL pipeline, and Spark for analysis.

Enigma

Data Engineer

August 2015 — February 2017

- Enhanced a Python ETL framework product with patterns and experiences gained while ingesting thousands of datasets from hundreds of diverse public and private sources.
- Deployed data infrastructure stack to clients and worked in concert with counterparts towards ingestion of private data.
- Developed tooling to provide complete and robust metrics for project management of data ingestion.

CirrusMio

Software Engineer

September 2013 — August 2015

- Developed several Rails microservices for single sign on, geospatial, and payment to be utilized by current and future web applications.
- Contracted for Rails and cloud infrastructure expertise for clients such as: Lexmark International, Pivotal, Piston Cloud.
- Developed, marketed, and launched a local business engagement platform for #GivingTuesday, the international day of giving.

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.

CirrusMio

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.

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

AFFILIATIONS

GeoNYC — NYC Geospatial Meetup group

Co-Organizer

December 2016 — Present

maptimeNYC — maptime Chapter

Co-Organizer

September 2015 — Present

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