

Chelsea Dole

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[Github](#) ▪ [LinkedIn](#) ▪ [Website](#)

TECHNICAL SKILLS

- Python 3
- JavaScript
- Django
- Flask
- PostgreSQL
- Machine Learning
- RabbitMQ
- Kubernetes
- Cloud computing (GCP, AWS)
- Docker
- Git

WORK EXPERIENCE

Data Engineer, III — *Coffee Meets Bagel, Remote*

April 2020–Present

Designed and implemented an event-based feature engineering system providing real-time features to user-matching ML models, a feature authoring environment, and deeper insights into model metadata

Refactored CMB's core user-matching pipeline, leading to ~3x throughput increase during backfills

Organized and led several engineering-wide projects, including: a new Python package release system, transition from schema-less to Avro internal events, and improved backend team on-call runbooks

Technologies: Python, PostgreSQL, AWS (EC2, RDS, Redshift, Kinesis, SQS, etc), RabbitMQ, Kubernetes, Redis, Jenkins, Docker, DataDog, Git

Data Engineer, II — *Coffee Meets Bagel, Seattle/Remote*

June 2019–April 2020

Built services and infrastructure to support dating application user matching as part of the Match Pod

Software Development Engineer, I — *Zonar Systems, Seattle*

Feb 2018–June 2019

Key role on the Fleet Pipeline team: building and scaling backend applications to support a data analysis web platform. Developed components of a Python/Flask data analysis API, a Golang event logging API, and a Dataflow/Apache Beam data summarization pipeline

Created fully-automated, cloud-based CI/CD pipelines with Gitlab CI, Docker, and Helm

Technologies: Python, Golang, JavaScript/Node.js, GCP (Kubernetes, Dataflow, BigQuery, etc), Flask, Pandas/NumPy, Angular 2, PostgreSQL, Redis, DataDog, Git

PROJECTS // SPEAKING

[Dreaming of Databases: 5 Questions for Data Layer Decisions](#)

Jan 2020

25-minute talk given at the ThaiPy meetup in Bangkok to 100+ technical attendees. Talk covered database vocabulary, and discussed how to make educated decisions regarding database choice

[Going Serverless: Deploying with GCP App Engine and Cloud Functions](#)

Jan 2019

30-minute talk given at Puget Sound Programming Python (PuPPy) meetup to 120+ software engineers. Talk included the live deployment of a demo API with App Engine and the gcloud SDK

[write-me](#)

Dec 2017

PyPI package that generates elegant, specific, READMEs based on a user's Python codebase.

Technologies: Python, Sphinx, PyPI

EDUCATION // CERTIFICATIONS

Code Fellows I Seattle, WA

Aug–Dec 2017

Certificate — Advanced Software Development in Python

University of California, Berkeley

2013–2017

Degree: Political Economy (B.A.)

Coursework: Advanced economics, statistics, computer science, political history/theory, business, int'l trade

GPA: 3.40