

# Chelsea Dole

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

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## TECHNICAL SKILLS

- Python 3
- JavaScript
- Django
- Flask
- Machine Learning
- PostgreSQL
- Redis
- RabbitMQ
- Cloud computing (GCP, AWS)
- CI/CD
- Git

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## WORK EXPERIENCE

**Data Engineer, II** — *Coffee Meets Bagel, Seattle/Remote* June 2019–Present

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

Designed and implemented an event-based feature engineering system to provide real-time features to user matching, content moderation, and scammer detection machine learning models

Technologies: Python, Django, AWS (EC2, RDS, Redshift, Kinesis, SQS, Sagemaker, etc), PostgreSQL, RabbitMQ, Redis, DataDog, Git

**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

**Research Assistant** — *UC Funds Project, UC Berkeley* 2016–2017

Analyzed longitudinal salary data regarding UC staff compensation

Technologies: PostgreSQL, MS Excel

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## 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 an educated decision regarding database usage

[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 covered definitions/use cases of serverless programming, and live deployment of a demo API with App Engine and Cloud Functions using 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

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## 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