

Ting Zhang

Data pipeline engineer passionate about deep learning and data ethics.

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EXPERIENCE

BuzzFeed, NY — Senior Software Engineer

Data pipeline engineer, Collection team

JUL 2017 - PRESENT

Research and propose generic in-house pipeline infrastructure for self-service collection setup with team of four software engineers.

Speced and implemented monitoring for our data collection pipeline to surface when and why ETL processes fail.

Designed and integrated collection from YouTube Bulk Reporting API, Instagram Graph API, and Facebook Graph API into our data collection pipeline.

Collaborated with group of six software engineers from different teams and levels to write a code of conduct detailing BuzzFeed Engineering's cultural standards.

BuzzFeed, NY — Software Engineer

Backend engineer, Video Infrastructure team

FEB 2016 - JUN 2017

Architected and implemented a microservice-oriented approach to video search.

Designed and implemented an API providing canonical user references throughout the company's tech ecosystem.

Implemented an asynchronous, message-based video release process.

BuzzFeed, NY — Associate Software Engineer

Full-stack engineer, Growth team

FEB 2015 - FEB 2016

Centralized logic for the company's self-promotional ads.

A/B tested features to improve the performance of content with 5 billion monthly views.

Girl Develop It, NY — Instructor

JULY 2015 - MAR 2017

Taught an algorithm analysis workshop.

EDUCATION

Columbia University, NY

BA, Cultural Anthropology

MAY 2013

CERTIFICATES

Coursera

[Neural Networks & Deep Learning](#)

SKILLS

Languages:

Python*, JavaScript, Java, Ruby, Perl

Frameworks:

Tornado*, Django, Sinatra, Rails

Data stores:

MySQL*, Elasticsearch, PostgreSQL

Data transport:

HTTP*, NSQ*

Patterns/Approaches:

ETL*, TDD, DDD, OOP

* used daily

SAMPLE CODE

[Huffman codes algorithm](#)

[Bayesian flip predictor](#)

[Union find data structure](#)

[Kruskals MST algorithm](#)

VOLUNTEERING

hackNY - Hackathon Mentor

Django Girls - Workshop Coach