

# Ting Zhang

Data pipeline engineer passionate about deep learning and data ethics.

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## EXPERIENCE

### **BuzzFeed, NY — Senior Software Engineer**

JUL 2017 - PRESENT

Data pipeline engineer on the Collection team.

Spec and implement monitoring for our data collection pipeline to surface when and why ETL processes fail.

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

Collaborate 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**

FEB 2016 - JUN 2017

Backend engineer on the Video Infrastructure team.

Architect and implement a microservice-oriented approach to video search.

Design and implement an API providing canonical user references throughout the company's tech ecosystem.

Implement an asynchronous, message-based video release process.

### **BuzzFeed, NY — Associate Software Engineer**

FEB 2015 - FEB 2016

Full-stack engineer on the Growth team.

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

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

### **Girl Develop It, NY — Instructor**

JULY 2015 - MAR 2017

Teach 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