

# Lauren Zhang

**Hinge** · Backend Engineer, *Monetization, Trust & Safety*

New York, NY

AUGUST 2022 - PRESENT

GOLANG · GRPC · KAFKA · POSTGRESQL · SPLIT

- Contributed to end-to-end redesign of Hinge's bad actor detection system, providing the foundation for more sophisticated enforcement, and closing analytical understanding gaps
- Designed and led one other engineer in building a net-new management system for the app's product catalog, from configuration to automated validation, creation, and reporting
- Optimized product prices in various emerging markets with Split-powered A/B tests, driving tens of millions in company revenue
- Provide 24x7 on-call support for services backend-wide during bi-monthly rotations
- Fostered Hinge's AAPI community as co-lead of the Asian@Hinge ERG

**BuzzFeed** · Senior Software Engineer, *Platform Infrastructure*

New York, NY

JULY 2021 - JULY 2022

PYTHON · GOLANG · MYSQL · JWT · TERRAFORM · ECS

- Mentored seasonal intern, handling all aspects of project specification, onboarding, and day-to-day management
- Contributed to improved security of BuzzFeed's API Gateway, used by hundreds of microservices, by introducing stricter access control
- Provide 24x7 on-call support for infrastructure platform during quarterly rotations

**BuzzFeed** · Software Engineer, *Data Infrastructure*

New York, NY

JULY 2019 - JUNE 2021

GOLANG · PYTHON · NSQ · MYSQL · BIGQUERY · GCS · S3

- Led one other engineer in creating a new enrichment layer for the data pipeline, through which all of BuzzFeed's user event data now flows
- Built streaming component of new data warehouse import system, which reduced end-to-end import latency from 4 hours to 5 minutes
- Contributed to data pipeline's configuration management system, allowing for the introduction of real-time event data validation
- Provided technical support to internal stakeholders during quarterly rotations

**BuzzFeed** · Associate Software Engineer, *Data Infrastructure*

New York, NY

JULY 2018 - JUNE 2019

PYTHON · JS · MYSQL · BIGQUERY · LOOKML

- Developed full-stack features for data warehouse monitoring system
- Developed back-end DX improvements for in-house data transformation tool
- Optimized configuration of business intelligence tools such as Looker
- Provided technical support to internal stakeholders during quarterly rotations

**BuzzFeed** · Software Engineering Intern, *Monetization*

New York, NY

JUNE 2017 - AUGUST 2017

PYTHON · NSQ · MYSQL

Built a series of microservices to automate custom ad audience generation on Facebook.

**Computer Science Department, Columbia University** · Teaching Assistant

New York, NY

SEPTEMBER 2016 - MAY 2017

C/C++ · UNIX CLI · GIT · TCP/IP

TA'd for *Advanced Programming*, a core introductory course on systems programming.

**Computational Biology Center, Columbia University** · Programming Assistant

New York, NY

JUNE 2016 - AUGUST 2016

C++ · CUDA

Under Itsik Pe'er's Lab, optimized algorithms for inferring regulation of gene expression by updating large-scale matrix multiplications to run on GPUs.

## EDUCATION

**Barnard College, Columbia University**

May 2018

Bachelor of Arts in Computer Science, *cum laude*, Minors in Art History and Gender Studies

## LANGUAGES

Golang

Python

JS

C/C++

Java

HTML/CSS

## TOOLS

Apache Kafka

NSQ

PostgreSQL

MySQL

Redis

Kubernetes

Terraform

Amazon ECS

Amazon RDS

Amazon S3

GCS

Google BigQuery

gRPC/Protobuf