

Lauren Zhang

BuzzFeed · Senior Software Engineer

New York, NY

JULY 2021 - PRESENT

PYTHON · GOLANG · MYSQL · JWT · 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

New York, NY

JULY 2019 - JUNE 2021

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

- Led one other engineer in project that created a new enrichment layer in 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 data validation
- Provided technical support to internal stakeholders during quarterly rotations

BuzzFeed · Associate Software Engineer

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

New York, NY

JUNE 2017 - AUGUST 2017

PYTHON · NSQ · MYSQL

Built a series of microservices to automate the generation of custom ad audiences 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

Python

Golang

JS

C/C++

Java

HTML/CSS

TOOLS

NSQ

MySQL

Redis

Google BigQuery

GCS

Amazon S3

Amazon ECS