

LINDY ZENG

Software Engineer

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📍 San Francisco, CA

🔗 lindzeng.github.io

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EXPERIENCE

Senior Software Engineer

Square (now Block)

📅 Oct 2021 – Present

📍 San Francisco, CA

- Advise teams releasing APIs on Square's Developer Platform.
- Maintain the performance and reliability of critical systems on the Developer Platform. Critical services handle 2,000 QPS and deliver up to 58 million webhooks daily.
- Designed and led a major re-architecture of Square's API Platform webhook delivery system in the cloud.

Software Engineer

Square

📅 Aug 2018 – Oct 2021

📍 San Francisco, CA

- Developing and maintaining webhooks as part of Square's Developer Platform.
- Leading management of real-time operations and observability of the team's applications and services.
- Worked with team to develop and ship a sandbox product, an isolated server environment for developers to test their integrations.

Software Engineering Intern, Infrastructure

Strava

📅 Jun 2017 – Aug 2017

📍 San Francisco, CA

- Designed and implemented schema for Apache Cassandra database of activity geospatial data.
- Used Apache Spark to write Structured Streaming and backfill jobs for Apache Cassandra.
- Migrated databases running on Amazon EC2 clusters to Amazon RDS.

SKILLS

Programming Languages

Golang, Java



Javascript, Python, Ruby, C



Frameworks, Libraries, Tools

AWS, SQL, Latex, Git, Terminal (Unix)



Ember, Rails, Jupyter, Tensorflow



Mandarin Chinese



EDUCATION

Princeton University

📅 Sep 2014 – Jun 2018

- B.A. in Computer Science
- Certificate in Environmental Studies
- Cumulative GPA: 3.80 / 4.0
- Major GPA: 3.87 / 4.0

Selected Coursework

- Algorithms and Data Structures
- Discrete Math and Probability Theory
- Operating Systems
- Machine Learning and Artificial Intelligence
- Computer Graphics
- Computer Vision
- Information Security
- Theory of Algorithms

OTHER

Board of Directors

West Valley Track Club

📅 Jul 2019 – Present

📍 San Francisco, CA

- Manages club communications, including the That's Fast™ newsletter as the Director of Communications.
- Train and compete for the club in USATF Pacific Association races.

Trip Leader

Overland Summers

📅 Jun 2018 – Aug 2018

- Led co-ed groups of 10 teenagers on two-week hiking, backpacking, and camping trips in Maine.
- Managed \$10,000 budget and coordinated meals, logistics, and activities throughout the trips.