

# LINDY ZENG

## Software Engineer

@ lindyzeng.lz@gmail.com

📍 San Francisco, CA

🔗 lindzeng.github.io

in [www.linkedin.com/in/lindyzeng/](https://www.linkedin.com/in/lindyzeng/)

## EXPERIENCE

### Software Engineer

#### Square

📅 Aug 2018 – Present

📍 San Francisco, CA

- Designing and developing webhooks, a part of Square's API 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 API users 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.

### Lab Teaching Assistant

#### Princeton University Computer Science Department

📅 Sep 2016 – Jan 2018

📍 Princeton, NJ

- Provide assignment debugging guidance and suggestions for students enrolled in the core computer science classes (Introduction to Computer Science, Algorithms and Data Structures, and Introduction to Programming Systems) several times a week.

## 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.