

Jae Choi

✉ mail.jaechoi@gmail.com ☎ 1 415-806-3712 🔗 LinkedIn

Experience

Stripe

Nov 2019 - Present

Senior Software Engineer (Cryptocurrency, Money Movement: Balances)

New York, NY

- Cryptocurrency team: I played a key role in launching Stripe's inaugural cryptocurrency product, Onramp and took on a product research role to explore and prototype new products.
 - Led the development of the money movement system for Onramp, providing solutions for cash reconciliations, accounting, cryptocurrency liquidity and consumer money transmissions.
 - Conducted research and prototyping for various innovative cryptocurrency products in areas such as crypto wallets, NFTs, and stablecoin settlements.
- Balances team: Maintained the infrastructure that records all Stripe transactions and provides real-time tracking of merchant balances. I've made several significant contributions to the team, including:
 - As the longest-tenured engineer on the team, I reviewed and oversaw funds flows for new product integrations.
 - I was a key member on the team for remediating large scale money-movement incidents at the company.
 - I successfully migrated our monolithic service to a service-oriented architecture.
 - I played a pivotal role in enabling users to proactively top-up their accounts, preventing avertible debits and negative balances. The product's usage has reached a scale of \$billions.
- Received performance review of "Greatly Exceeds Expectation", highest performance designation at Stripe

Stripe

May 2019 - Aug 2019

Software Engineering Intern (Payments Infrastructure: Ledger)

San Francisco, CA

- On the ledger team, responsible for bookkeeping financial records, I created a devtool that allows users to preview the effects of financial data migrations before committing to the database and generate inverse data for rollbacks.

Flexport

Jan 2019 - Apr 2019

Software Engineering Intern (Marketplace)

San Francisco, CA

- As a member of the marketplace team, I restructured the pricing model and introduced dynamic rates for charges. This feature resulted in a 30% increase in the marketplace's share of quotes, indicating a significant shift in user adoption from manual interactions with operations associates to utilizing the marketplace.

Sumo Logic

May 2018 - Aug 2018

Software Engineering Intern (Data Collection)

Redwood City, CA

- At Sumo Logic, a log management platform, I improved data ingestion on the Data Collection team by enabling users to define custom metadata, leading to enhanced query performances through effective filtering.

IBM, BlackBerry, Irdeto, Imagine Communications

2015 - 2017

Software Engineering Intern

- I completed a series of four-month internships at multiple companies to enhance my software engineering skills and gain practical experience.

Education

University of Waterloo

October 2019

Honours Bachelor of Computer Science

Waterloo, ON

Technical Skills

- Working experience with: C, C++, Java, Python, Ruby, Scala, SQL | Kafka, MongoDB, Rails, React, Spark