

# Bella Le

Software engineer @ Netflix

✉ le.bella98@gmail.com | ☎ (209) 839 7060 | 🐙 github:bella-le | 🔗 linkedin:bella-le

## Experience

### Netflix

SOFTWARE ENGINEER

Los Gatos, California

September 2024 - Present

### LinkedIn Corporation

SOFTWARE ENGINEER, BILLING

Sunnyvale, California

March 2022 - August 2024

- Built the testing-in-production framework for LinkedIn Business Platform, which involved routing to a sandbox database instance when methods are invoked in a test context, to allow for testing in as close to a production environment as possible.
- Designed and developed an automated reconciliation service that would compare offline sources of data, and if there was an inconsistency between two services, automatically updated the dependent service with the correct data from the source of truth.
- Investigated and designed billing parity between legacy and new systems as well as designed and implemented the process for issuing billing corrections and credits in new billing systems utilizing Apache Beam.
- Built a monitoring and alerting framework for the Billing team, improving monitoring and alerting coverage from 18% to 91.7%. Automated the generation of new alerts when new repositories or APIs were created, and oncall alerts were retuned to more accurately reflect issues in the system. Additional alerting also led to the early discovery of several high-impact issues.
- Optimized build speeds for 10 billing-owned repositories by 1.5x - 2x to improve developer productivity and velocity.
- Mentored and onboarded interns and new engineers onto the team, devising onboarding plans as well as tasks and projects.

### Quora, Inc.

SOFTWARE ENGINEER, DISTRIBUTION PRODUCT

Mountain View, California

September 2020 - February 2022

- Developed and iterated on the home page experience for user engagement, including launching experiments related to the composition of our feed that increased direct home visits by 0.5%, improving the scrolling experience on feed that increased user active hours by 0.4%.
- Designed, developed, and experimented on solutions for home feed to be more responsive and evolve to users' actions within a session.
- Led a team of engineers and designers on a project focused on user experience of home feed, focusing on activity time and engagement.
- Audited, iterated on, and maintained feed logging, including building a solution for logging the time the user dwelled on content to help debias and improve distribution of short content at Quora, and unifying existing logging solutions across content types.
- Developed and launched notification-related experiences for users, including rich push notifications, improving direct active hours by 5.6% and notification opt-outs by 12.6%.
- Mentored and onboarded new engineers onto the team, devising onboarding plans and tasks/projects.
- Responsible for reliability and speed metrics for Quora's home page.

### Amazon.com

SOFTWARE DEVELOPMENT ENGINEER INTERN, AMAZON ATTRIBUTION ENGINEERING

New York, New York

June 2019 - September 2019

- Developed and integrated portions of the Amazon Attribution website, refactoring from legacy JavaServer Pages (JSP) code to React.js and devised unit and snapshot tests with Jest and Enzyme to test the robustness of React.js components and functions.
- Resolved tickets for new features and bug reports and created a mechanism to automatically generate tickets in case of failures.
- Implemented bulk upload operations for Facebook advertising, a feature demanded by over 70% of Attribution users, utilizing AWS Lambda, AWS CloudFormation, AWS Step Functions and React.js while modifying internal services for file validation and ingestion.

### Amazon.com

SOFTWARE DEVELOPMENT ENGINEER INTERN, AAA

Seattle, Washington

June 2018 - September 2018

- Designed and implemented a project that facilitated the migration of internal data utilizing AWS services such as AWS CloudFormation, AWS Lambda, Amazon Simple Cloud Storage Service, and Amazon DynamoDB to an internal data lake with near real-time updates.
- Improved data update latency from a 24-hour batch job to a consistent 10 minute stream of data and reduced data size by 1,000x.

## Education

### University of California, San Diego

COMPUTER SCIENCE, B.S. • MINOR: COGNITIVE SCIENCE

La Jolla, California

September 2016 - March 2020

GPA: 3.79, Cum laude

## Skills

**Languages** Python, Java, C++, TypeScript, JavaScript, SQL, Apache SPARK

**Tools & Frameworks** GraphQL, React.js, Amazon Web Services, JUnit, Mockito, Jest, Enzyme, Jupyter Notebook, Apache BEAM