

AYUSH BHAGAT

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EDUCATION

University of Waterloo: Bachelor of Software Engineering (BSE) April, 2018

Awards: Honours Dean's List (89% Average), President's Scholarship of Distinction

EXPERIENCE

FACEBOOK

SOFTWARE ENGINEER, INTERN

Sep 2017 - Dec 2017 | Instagram

- Developed features on the feed sharing and profile team for the **ANDROID** client used by **BILLIONS**.
- Created a reusable fast scroll widget with better UX than the default provided by Android and used it in stories archive.
- Implemented the feature that allows users to save and edit carousel drafts.
- Built the feature that allows users to preview their profile grid during the creation flow.

UBER

SOFTWARE ENGINEER, INTERN

Jan 2017 - Apr 2017 | Security

- Independently created an accounts management **REACT** app used by **THOUSANDS** to edit their profile. Check it out here: [ACCOUNTS.UBER.COM/PROFILE](https://accounts.uber.com/profile).
- Added Facebook Login to Uber's mobile website using **REACT** and **EXPRESS**.
- Helped architect frontend projects owned by the team and performed code reviews.

SNAP

SOFTWARE ENGINEER, INTERN

May 2016 - Aug 2016 | Geofilters

- Individually created the community geofilters submission page, a **REACT** app used by **THOUSANDS**.
- Developed features using **ES6**, **REACT** and **REDUX** for an internal tool used to manage geofilters.
- Implemented backend functionality for frontend features using **JAVA** and **GOOGLE ENDPOINTS API**.

GOOGLE

SOFTWARE ENGINEER, INTERN

Sep 2015 - Dec 2015 | Display Ads

- Developed for a high revenue, backend server-side system that serves **BILLIONS** of queries per day.
- Redesigned a critical component in the ad-serving infrastructure to increase speed and performance.
- Implemented my design in **C++11** and wrote unit tests with at least **80%** code coverage.

GOOGLE

SOFTWARE ENGINEER, INTERN

Jan 2015 - Apr 2015 | Shopping Now

- Performed data analytics and visualizations on big data to monitor user activity for Google Shopping.
- Created a **MAPREDUCE** pipeline using **FLUMEJAVA** to calculate aggregated statistics from **BILLIONS** of user data entries.
- Wrote and optimized **DREMEL** queries that extract statistics from various tables to power dashboards, which are used by several teams within Google Shopping.

PROJECTS

OJ (Java Compiler): Co-wrote a compiler from scratch for a large subset of Java 1.3 in **KOTLIN**.

Somo (UW Blueprint): Web tool for a Kenyan non-profit to create and send surveys through SMS.