

Affan Hussain

Software engineer

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EDUCATION

University of Maryland, College Park - *B.S Computer Science*

August 2016 - May 2019 GPA - 3.74

EXPERIENCE

Meta, Menlo Park, CA - *Senior Software Engineer - Developer Experience*

July 2019 - PRESENT

- Built and improved tools used by tens of thousands of engineers to do their daily work
- Eliminated queue times for diff merge process by creating an intelligent batching and queue system saving roughly 15 minutes per diff merged.
- Improved linter responsiveness from 10 seconds to 2 seconds by rearchitecting the core runner to be multi-process and allow for streaming of results.
- Built an auto-fix framework to allow continuous integration jobs to offer quick fixes for user errors. I then added quick fixes that saved about 10 minutes per accepted fix
- Eliminated about 20000 merge conflicts a week by eliminating the need to generate and check in GraphQL source code.
- Contributing to the org through conducting interviews, mentoring junior engineers, and giving talks internally and externally.

Facebook, Menlo Park, CA - *Software Engineering Intern - Internal Calendar Tool*

May 2018 - August 2018

- On the internal Calendar team I introduced the meeting group feature allowing users to quickly invite the same set of people to different meetings.
- Built a tool to help recruiting and sales teams manage their contacts outside of the company

The Aerospace Corporation, Chantilly, VA- *Software Engineering Intern*

May 2017 - August 2017

- Built a tool to automatically generate system architecture diagrams by utilizing an ELK stack to process logs and presented this to the org leadership.
- Created a static analysis tool to measure cyclomatic and essential complexity of Matlab code

SKILLS

Hacklang, Javascript, Python, CI/CD, Framework development and migrations,
Project management, Mentorship, Public speaking