

Waseem Sabir

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EDUCATION

LUMS

BS IN COMPUTER SCIENCE

Grad. June 2022

Coursework in:

- Algorithms (*Teaching Asst x1*)
- Adv. Programming (*Teaching Asst x1*)
- Software Engineering
- Distributed Systems
- Machine Learning
- Deep Learning
- Network Security

Honors: Dean's Honor List (2019)

SKILLS

PROGRAMMING

5000+ lines: Python • JavaScript • Kotlin

1000+ lines: Java • SQL • Go • CSS

FULL STACK

Backend: REST • Flask • DRF • NodeJS

Frontend: Angular • Android • React

Database: Postgresql • MongoDB • ORM

OTHER

Technical: Bash • Git • Docker • UI/UX • CI/CD • GCP • AWS

Soft: Detail-oriented • Ownership

• Inter-dept Communication • Leadership

OPENSOURCE

BATTERY PERMISSION HELPER

A Kotlin library that helps whitelist your Android App in Battery Settings for Different OEMs.

FIRESTORE SIZE

A Python library to calculate the approximate size of a firestore document.

PROJECTS

WRITEBOOK | ANGULAR & DRF

Colab on documents with Section & Sub Section Hierarchy.

TASKLY | KOTLIN & PYTHON

Fast, Consistent & Intuitive App to Handle your daily management needs.

More Projects on Portfolio.

EXPERIENCE

TAJIR (YC W20) | SOFTWARE ENGINEER | PYTHON (TDD, DDD), KOTLIN (MVVM), JAVASCRIPT, GCP

June 2022 - Present | Full-Time | Lahore, PK

- Led the team in implementing accurate location tracking for deliveryman, leading to 23% decrease in fuel cost and higher delivery acceptance.
- Increased deliveries per deliveryman by 14% by overseeing and supporting the release of container trucks which was a fully new system for delivery.
- Increased sales by 16% by implementing sales metrics and incentives.
- Designed and implemented UX for collecting service times for deliverymen.

BRIGHTARROW | SOFTWARE ENGINEER | PYTHON, JAVASCRIPT

Sept 2021 - May 2022 | Full-Time | Remote

- Worked with the client, Elevate Security. Improved performance by implementing new data pipelines using pandas and Maintained product.
- Led the backend on ManageMyDojo, built using Django Rest Framework. Shipped many features including payments, shops, testing, automation, etc.

ZEROS | SOFTWARE DEVELOPER | ANGULAR (TYPESCRIPT), PYTHON

June 2021 - August 2021 | Contract | San Francisco (Remote)

- Developed intros, an executive product for finding intermediate LinkedIn connections, built using Angular and Django Rest Framework.
- Configured the application with Docker and deployed it on AWS.

MANAKY | SOFTWARE ENGINEER | REACT, NODEJS

July 2021 - Sept 2021 | Internship | Seattle, Washington (Remote)

- Designed and shipped experiences feature, a new product.
- Worked closely with the payment service provider to integrate payments.
- Pentested the application for security vulnerabilities.

WORKIRE | FULL STACK DEVELOPER | ANGULAR, PYTHON (DRF)

July 2020 - May 2021 | Part-time | Abu Dhabi (Remote)

- Developed Workire, a job portal, with 90+ performance and SEO.
- Built CI/CD pipelines and configured Applications on AWS.
- Developed telegram bot using selenium for crawling job data.

RESEARCH

SECURITY, PRIVACY AND RELIABILITY LAB | RESEARCHER

July 2021 - May 2022 | University of Arizona

Worked with **Dr. Ashish Gehani** and **Sazzadur Rahaman** to create **ProdeBench**, a unified framework for debloating source code and binaries.

AWARDS

2021	1 st /75	Hack4Impact, IEEE & Stacks Hackathon
2019	University	Dean's Honor List
2018	1 st /22	EE 102 Robotic Maze Solving Programming

PUBLICATIONS

- [1] A. G. Muaz Ali, Waseem Sabir and S. Rahaman. A tale of reduction, security and correctness: Evaluating program debloating paradigms and their compositions. *ESORICS*, forthcoming.