


MEHREEN RAHMAN

 Dhaka, Bangladesh  mehreenr1@gmail.com  in/mehreen-rahman-938772107  github.com/mehreen-r6234

EDUCATION

B.Sc. in Computer Science and Engineering (*Curriculum* 

University of Dhaka

 2015 – 2019

GPA : 3.26 out of 4.00

EXPERIENCE

Senior Software Engineer, Expert Services

Optimizely 



 January, 2023 – Present

 New York, New York

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Software Engineer, Expert Services


Optimizely

 December, 2021 – December, 2022  New York, New York

- Empowered 100+ clients with data-driven decisions (APIs/SQL, reports) leading to an average 95% satisfaction rate
- Streamlined onboarding and data migration for 100+ customers (optimized data management, reducing onboarding time by 40%)
- Maintained and developed features for internal product (now 200+ WAUs) using Flask and Docker (ensured scalability)
- Championed code maintainability, proactively troubleshooting legacy code to prevent potential outages
- Mentored junior engineers, fostering a collaborative and knowledge-sharing team

QA Specialist

Eskimi DSP 


 April, 2021 – November, 2021


 Vilnius, Lithuania

- Automated DSP dashboard testing (Selenium WebDriver, -40% testing time, improved coverage)
- Analyzed risks and planned Agile testing strategies for DSP dashboard
- Developed and executed test plans (95% defect detection rate)
- Collaborated on functional and non-functional testing (fostered team environment)

Software Engineer, QA

TigerIT Bangladesh Limited 

 April, 2019 – March, 2021

 Dhaka, Bangladesh

- Developed custom evaluation frameworks for Machine Learning models (+2-3% performance, generalizability)
- Analyzed model effectiveness (key performance metrics (e.g., F1-score, precision, recall, mAP) & TensorFlow)
- Designed and executed comprehensive performance testing on large datasets (millions of data points) (ensured robust and scalable models for real-world applications)
- Expertise in image processing techniques contributing to the development of ML models (OpenCV, 95-97% accuracy)
- Automated service testing (PyTest, -30% testing time)

TEST SCORES

GRE

V	Q	AW
145	159	3.5

IELTS

L	R	W	S
9.0	8.5	6.5	8.0

RESEARCH INTERESTS

- Data Science/Analysis
- Cybersecurity
- Bioinformatics
- Machine Learning

RESEARCH EXPERIENCE

UNDERGRADUATE THESIS

CNCX 

– Classification of Coding and Noncoding RNA transcripts Based on eXtreme Gradient Boosting Classifier

A new approach to classify transcripts based on one of the most recent machine learning approaches (XGBoost) using a unique feature selection procedure

Stack : Python Focus : Bioinformatics

SKILLS

TECHNICAL

- Language :

Python

C/C++

Java
- Framework :

Selenium

PyTest

Flask
- Database :

Oracle

MySQL
- Tool :

Postman

Locust

JMeter

Jenkins

Burp Suite
- Project Management :

JIRA

Asana
- IDE :

PyCharm

VS Code
- Operating System :

macOS

Linux

Windows
- Version Control :

Git

PROJECTS

ACADEMIC

[Don't Touch The White Tile](#) 

A fast paced game where black and white tiles keep on appearing and the rule is to not to touch the white ones

Stack : Java

[The Stick Champ](#) 

A bridge building game where sticks are stretched to cross platform gaps

Stack : C, BGI

PERSONAL

[MaskedOrNot](#) 

– [Classification of masked and non-masked faces](#)

Inspired from the ongoing(2020) pandemic. Based on the image, gives the result if the face is masked or not

Stack : Python

Focus : Machine Learning

ACHIEVEMENTS

- DU Honours Scholarship for academic performance, 2018
- 20th out of 64 teams in the National Girls' Programming Contest, 2015