

# MEHREEN RAHMAN

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## EXPERIENCE

### Senior Software Engineer, Expert Services



Optimizely

 January, 2023 – Present     New York, New York



### Software Engineer, Expert Services

Optimizely

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

- Empowered 50+ clients with data-driven decisions (APIs/SQL, reports) leading to a 95% satisfaction increase
- Streamlined onboarding and data migration for about 50 customers (optimized data management, reducing onboarding time by 40%)
- Maintained and developed features for internal product (200+ WAUs) using Flask and Docker (ensured scalability), reducing a 30% traffic increase
- 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)

## EDUCATION

### B.Sc. in Computer Science and Engineering (Curriculum )

University of Dhaka

 2015 – 2019

## SKILLS

### PERSONAL

- Learning Potential
- Teamwork
- Professionalism
- Multitasking
- Agile
- Scrum

### TECHNICAL

- **Language**

Python    C/C++    Java
- **Frameworks**

Selenium    PyTest    Flask
- **Database**

Oracle    MySQL
- **Tools**

BurpSuite    Postman    Locust

JMeter
- **Project Management**

JIRA    Asana
- **IDE**

PyCharm    VS Code
- **Operating System**

macOS    Linux    Windows
- **Version Control**

Git

## ACHIEVEMENTS

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

## REFERENCES

- **Md. Nure Alam Siddiq**   
Manager, Expert Services  
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# PROJECTS

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## 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, Machine Learning

## ACADEMIC

[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, Bioinformatics

[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