Nazia Tabassum Natasha

CONTACT INFORMATION

Email: natasha.nazia@gmail

Website: https://natasha-07.github.io/natasha/

RESEARCH INTEREST

My research interest is in software testing, incorporating machine learning and deep learning with a specific emphasis on developing innovative techniques and tools that leverage artificial intelligence to enhance the efficiency and effectiveness of software testing processes, detect defects, and improve software quality.

EDUCATION

East West University   Dhaka, Bangladesh

B.Sc. in Computer Science & Engineering   January 2019 – August 2023

Thesis: DeepTestDroid: A Platform for Automated Application Testing Using Deep Learning

Supervisor: Dr. Mohammad Rifat Ahmmad Rashid

Major**:** Software Engineering

CGPA: 3.49/4.0

Relevant Coursework: I am a software major, and my major courses were Software Engineering, Software Testing and Quality Assurance, Advanced Database System, Web Programming, Mobile Application Development.

PUBLICATIONS

- DeepTestDroid: A Platform for Automated Application Testing Using Deep Learning
  Conference Name: The 4th International Conference on Big Data Analytics and Practices (IBDAP 2023)
  Presentation Date: August 2023

- DeepTestDroid: A Platform for Automated Application Testing Using Deep Learning (extended work of the conference paper)
  Journal Name: Elsevier
  Status: Yet to be published

- Efficient Cooling System of Cloud Data Center by Reducing Energy Consumption
  Conference Name: 6th International Conference on Intelligent Computing and Optimization (ICO 2023)
  Presentation Date: April 2023
  Status: Yet to be published

TECHNICAL SKILLS

Programming languages:

- Python
- Java
- PHP
- HTML and CSS
- C and C++

Frameworks:

- TensorFlow
- Django
- Selenium Framework

Working platforms:

- Visual Studio
- Jupyter notebook
- Kaggle notebook
- Android studio