



# REDWAN RAHMAN

## CONTACT



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## KEY TECHNICAL SKILLS

- Python - Tensorflow, Scikit-learn, Pytorch, Matplotlib, Seaborn, PennyLane
- Unity C# and Unreal Blueprint
- Data Preprocessing
- Data Visualizing
- Machine Learning
- Web Development (Python and Mern)

## KEY CERTIFICATES

- NVIDIA - Disaster Risk Monitoring Using Satellite Imagery
- AWS Academy Graduate - AWS Academy Machine Learning Foundations
- Kaggle - Intro to Game AI and Reinforcement Learning
- Microsoft - Introduction to AI Skills for nonprofits
- IBM - Deep Learning with Keras and TensorFlow
- Google - Feature Engineering
- FutureNation - Data Analysis with Excel
- IBM - Machine Learning with Python
- Kaggle - intro to Machine Learning
- Duke University - Data Science Math Skills

## EDUCATION

### Daffodil International Univeristy

Bachelor of Science in  
Computer Science and Engineering  
Jun 22 - Jun 26

## EXPERIENCE

### Coordinator, QBangladesh (QCousin of QWorld)

August 2025 - Present

### President, DIU Astrophysics Center (Student Forum)

March 2025 - Present

### General Secretary

### AR/VR and Game Development Lab, DIU

May 2025 - Present

### Vice President (Development Wing)

### AR/VR and Game Development Lab, DIU

Jan 2025 - May 2025

## PROJECTS AND RESEARCH

- PreSafe-ML: ML, DL and QML based Malware Detection System | ~95% Accuracy
- ML-Based Astronomical Object Classifier (Star/Galaxy/QSO) web with Gradio | 97.81% Accuracy
- Gradio-Based MBTI Personality Prediction Web App Using an Ensemble Model | 91.05% Accuracy
- MRI-Based Brain Tumor Diagnosis Using YOLOv8 for Detection and DenseNet201 for Classification | mAP50: 88.2% , Accuracy: 86.05%
- Quantum Galton Board Simulator – ReactJS, JSX, CSS
- Shell-Based Mini Operating System

## LANGUAGE

- English
- Bangla/Bengali (Native)