

Md Sazid Uddin

sazid@nuarca.com | +801733738489 | Dhaka, Bangladesh | Github | LinkedIn

EDUCATION

AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

MASTER OF SCIENCE IN COMPUTER SCIENCE

January 2023 - Present | Dhaka, Bangladesh

Specialization: **Intelligent Systems**

CGPA : 3.8 out of 4.0 (Ongoing)

BACHELOR OF SCIENCE IN SOFTWARE ENGINEERING

Januray 2018 - October 2021 | Dhaka, Bangladesh

CGPA : 3.84 out of 4.0

EXPERIENCE

ORION INFORMATICS LTD.

JUNIOR SOFTWARE ENGINEER

January 2022 - Present | Dhaka, Bangladesh

- Managing large scale web applications for Equiniti (formerly AST Financial)
- Maintaining and extending front-end and back-end services using SpringBoot, Angular and MS SQL Server
- Built high-performance data pipelines using Apache Kafka and Kafka Streams

INTERN

July 2021 - December 2021 | Dhaka, Bangladesh

AMERICAN INTERNATIONAL UNIVERSITY-BANGLADESH

TEACHING ASSISTANT

October 2020 - December 2020 | Dhaka, Bangladesh

- Advised students on various topics of Compiler Design
- Help conduct and prepare materials for lectures

PROJECTS

DEEP LEARNING MODEL FOR MULTI-ORGAN CANCER CLASSIFICATION | KERAS, TENSORFLOW

Summer 2023

- Developed a hybrid model capable of classifying cervical cancer and acute lymphoma from images. Feature extraction using MobileNet and DenseNet; feature classification using SVM. Achieving 99.93% and 99.95% accuracy on cervical and lymphoma datasets respectively.

BREAST CANCER CLASSIFICATION USING MULTI-AGENT RL

| PYTORCH

Spring 2023

- A multi-agent reinforcement learning model for breast cancer classification using regions of interest in mammogram images; Achieving an accuracy of 82.45% on the CBIS-DDSM dataset.

REFERENCES

Dr. M. Firoz Mridha
Associate Professor of CS

AIUB

firoz.mridha@aiub.edu

Website: AIUB

Research Profile: [ResearchGate](#)

Shafqat Ahmed

Chief Technology Officer

Orion Informatics Ltd.

shafqat.ahmed@orion-informatics.com

Website: [LinkedIn](#)

SKILLS

DEEP LEARNING

PyTorch • TensorFlow • Keras

WEB DEVELOPMENT

SpringBoot • Angular • MS SQL Server

PROGRAMMING LANGUAGES

Python • Java • C • C++ • Javascript

VCS & BUILD TOOLS

Git • Gradle • Maven

COURSEWORK

- Machine Learning & Neural Networks
- Natural Language Processing
- Computer Vision & Pattern Recognition
- Image Processing
- Human Computer Interaction
- Design and Analysis of Algorithms
- Data Structures
- Compiler Design
- Computer Organization & Architecture
- Linear Algebra & Fourier Analysis
- Discrete Mathematics

STANDARDIZED TESTS

GRE

VERBAL REASONING

154/170 - 62nd Percentile

QUANTITATIVE REASONING

156/170 - 54th Percentile

ANALYTICAL WRITING

5.0/6.0 - 91st Percentile

IELTS

OVERALL - 7.5/9.0

LISTENING - 8.5/9.0

READING - 7.5/9.0

WRITING - 6.5/9.0

SPEAKING - 7.5/9.0