

Md. Farhadul Islam

📍 Dhaka, Bangladesh

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R⁶ <https://www.researchgate.net/profile/Md-Islam-1644>

📺 https://www.youtube.com/channel/UCHX_INrjuczWwJcJTLVWznA



Education

09/2019 – Present **Bachelor of Science in Computer Science**, BRAC University ☑
Dhaka, Bangladesh CGPA: 3.85, Credits Completed: 93

Professional Experience

02/2022 – 04/2022 **Student Tutor (ST)**, BRAC University ☑
Dhaka, Bangladesh Course: STA101 - Introduction To Statistics
Dept. of Mathematics & Natural Sciences

03/2021 – Present **Research Assistant (RA)**
Supervisor(s): Jannatun Noor, Meem Arafat Manab
Field: Deep Learning

Skills

OOP, Data Structures, Algorithms

Python, Java, C, C++

Database Management System

MySQL

Simulation & Modeling

SciPy, SimPy, SymPy

Data Analysis, Management & Visualization

NumPy, Pandas, Matplotlib, Seaborn

Machine Learning/ Deep Learning

Tensorflow/Keras, ScikitLearn, OpenCV, NLTK

Backend Web Development

Django

Web Scraping

BeautifulSoup

Basic Robotics

Arduino (C++)

Publications

2022 **Note: Plant Leaf Disease Network (PLeAD-Net): Identifying Plant Leaf Diseases through Leveraging Limited-Resource Deep Convolutional Neural Network**, ACM SIGCAS/SIGCHI Conference on Computing and Sustainable Societies (COMPASS) (COMPASS '22), Seattle, WA, USA ☑
Authors: Joyanta Jyoti Mondal, **Md. Farhadul Islam**, Sarah Zabeen, A. B. M. Alim Al Islam, and Jannatun Noor.
Impact Factor: 2.81

Projects

2022	Skin Cancer Diagnosis Using Deep Convolutional Neural Network , CSE438 Project ↗
2022	Malware Classification using Deep CNN on Maling Dataset ↗
2021	Monte Carlo Dropout for Uncertainty Analysis on California House Prices Dataset , CSE474 Project ↗
2021	Brain Tumor Detection from MRI Images using CNN ↗
2021	Auto Chloro - A Plant Disease Classifier & Remedies Provider in Bangla , 2nd Runner up in Project Tech Tussle by IEEE Computer Society BRACU Student Chapter ↗
2021	Conference Management System , CSE370 Project
2020	AirDraw-n-Match-A-Webcam-Paint-Digit-Recognition-Program , One of the winners in Skill Showcasing - R@D!X (Radix) by Brac University Computer Club ↗
2020	NESARC Data Analysis, Management & Visualization , Coursera Course Project ↗

Online Course Certifications

2021 Coursera	DeepLearning.AI Tensorflow Developer , DeepLearning.AI ↗
2021 Coursera	AI for Medicine , DeepLearning.AI ↗
2021 DataCamp	Machine Learning Fundamentals with Python Track , DataCamp ↗

Presentations & Lectures

2021	Identification of Plant Leaf Diseases using Deep Convolutional Neural Network with Less Computational Power , 8th International Conference on Networking, Systems and Security (NSysS 2021) ↗ Authors: Joyanta Jyoti Mondal, Md. Farhadul Islam , Sarah Zabeen, A. B. M. Alim Al Islam, and Jannatun Noor.
2022	Lecture on Monte Carlo Simulations , CSE474 - Simulation & Modeling, BRAC University ↗ Invitation from the course instructor to take a class on Monte Carlo Simulations.

Organisations

Dhaka, Bangladesh	Robotics Club of BRAC University - ROBU , Secretary of Research & Project Management ↗ <ul style="list-style-type: none">Contest organizing, Rule Books, Guiding Freshers. Moreover, prepared videos on Basics of Robotics for new comers, which is available on YouTube.Recognition Certificate ↗
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