Nadia Tasnim Mim

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Github: https://github.com/Nadia-Mim

EDUCATION

BRAC University, Mohakhali, Dhaka — *B.Sc. in CSE*

January 2017 - June 2021

CGPA: 3.8

(VC's List - 2 times & Dean's List - 1 time)

Received A (4.0) in PROJECT & THESIS

Govt. Hazi Muhammad Mohsin College, Chattogram — *HSC*

2015 - 2016, Chittagong Board

GPA: 4.33 , Science

Bangladesh Mahila Samiti Girls' High School & College, Chattogram — *SSC*

2013 - 2014, Chittagong Board

GPA: 5.00 , Science

ACCEPTED PAPER

Rana, M., Mim, N., Riduan, J., Ridwane-Ul-Islam, Mahjabin, M., Abrar, M. and Parvez, M. (2021). 'Average Power Based EEG Channel Selection Method for Emotion Recognition': *4th International Conference on VLSI, Communication and Signal Processing (VCAS 2021).* September 24-26, 2021. MNNIT Allahabad, Prayagraj, India.

EXPERIENCE

Student Tutor, BRACU — *CSE Department*
September 2019 - December 2019, February 2020 - March 2020, August 2020 - September 2020, February 2021 - May 2021

Have been a student tutor of Digital Logic Design for four semesters.

SKILLS

Programming Languages

- Java
- Python
- JavaScript
- MATLAB
- PHP

Web Development Language

- HTML
- CSS

Wordpress

MySQL

Machine Learning

CERTIFICATES

CVIS Hands on Training Program on Virtual and Augmented Reality

AI Foundations for Everyone - Coursera

IBM Applied AI - IBM, Coursera.

Python for Data Science and AI - IBM, Coursera.

Building AI Applications with Watson API's - IBM, Coursera

BRACU Express, BRACU — *Administrative Officer*

October 2019 - March 2021

Worked in the Administration Department.

Onushondhani Lab — *Contributor, Machine Learning*

May 2020 - Present

Done multiple Machine Learning based projects- covid-19 prediction, card detection using ML model.

PROJECTS

AIMS — *Software Development*

AIMS means Accounting Information Management System. This is a JavaFx desktop application for generating accounts related reports such as; Income Statement, Shareholders' Equity and balance sheet as well as download the reports in excel format.

EBMS — *Software Development*

EBMS means Electricity Bill Management System. This is a JavaFx desktop application for generating the electricity bills of a customer. Here, an admin adds new customers and updates monthly unit costs and then generates bills.

COVID19 Prediction— Machine Learning

Based on the raw data of JHU and pre-trained model of Fbprophet and SIR model I did a predictive and comparative analysis on coronavirus spread.

Card detection — Machine Learning

Training and testing of card detection (Model - faster_rcnn) using tensorflow and google colab.

Ideal Crop Selection in a Specific Location — Microcontroller

This is an arduino based project. Here the system measures temperature, pH level, humidity level of the soil and displays the suitable types of crops for that environment.

Building AI powered Chatbots Without Programming - IBM, Coursera

Getting Started with AI using IBM Watson - IBM, Coursera

Introduction to Computer Vision Watson and OpenCV - IBM, Coursera

Introduction to Artificial Intelligence (AI) - IBM, Coursera

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization - deeplearning.ai, Coursera

Structuring Machine Learning Projects - deeplearning.ai, Coursera

Hierarchical Clustering: Customer Segmentation

EXTRACURRICULAR ACTIVITIES

- ❏ Participated in BUGMUN 2017 as a delegate of UK, FIFA Committee
- ❏ Participated in Girls' Guide Camp in 2010 at Chattogram
- ❏ Participated in Design and Painting program arranged by BRAC University, Savar Campus in 2017

LANGUAGES

Bangla

English

Basic French

REFERENCES

Mohammad Zavid Parvez, PhD

Former Assistant Professor (BRACU) and

Current Lecturer (EIT)

Engineering Institute of Technology,

Melbourne, Australia

Email Address: zavid.parvez@bracu.ac.bd

Mobile Number: (+880) 1777644960

 (Currently out of country, please email)

Relation: Teacher and Thesis Advisor

Dewan Ziaul Karim

Lecturer

Department of Computer Science and

Engineering, Brac University

Email Address: ziaul.karim@bracu.ac.bd

Mobile Number: (+880) 1670206000

Relation: Teacher and ST Supervisor