Curriculum Vitae

Mosaddeq Hossain

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GitHub   : https://github.com/Mosaddeq107

Research Experience:

1. I completed a research project on 'Fuzzy Relations' for the bachelor of science examination.
2. I've been working as a research assistant for seven months with the research team of **Abdur Rahman**, Professor, Dept. of Mathematics, Jahangirnagar University, Bangladesh. We have written two papers on tumor detection from MRI images using the deep learning image processing method during this period. These papers are in finalizing step for submitting in a journal for publication.
3. I worked as a research assistant on a paper titled "Financial Difficulties Correlate With Mental Health Among Bangladeshi Residents Amid COVID-19 Pandemic", DOI: https://doi.org/10.3389/fpsyt.2021.755357. In this paper, I worked as a surveyor to collect data from different people from different regions.

Teaching Experience:

1. I have been working as an adjunct faculty of Computer Science and Engineering at Manarat International University, Dhaka, Bangladesh, for one year. I teach here Integral Calculus, Ordinary and Partial Differential Equation, Laplace Transformation, Linear Algebra, Matrix and Vector analysis, and other mathematical courses.
2. I worked as a private tutor for the student of High School for five years along with my academic study.

Educational Qualifications

Name of Degree	Educational Institution	Major	CGPA (4)	Degree Year
Masters of Science	Jahangirnagar University	Mathematics	3.29	2019
Bachelor of Science	Jahangirnagar University	Mathematics	3.33	2017

GRE Score

Quantitative Reasoning		Verbal Reasoning		Analytical Writing	
Score	Percentile	Score	Percentile	Score	Percentile
163	80	143	19	3	14

TOEFL Score:			
Reading	Listening	Writing	Speaking
26	23	21	19

Projects: I've made a few projects, for instance, a simple calculator, age calculator, electric billing system, super shop's billing system, etcetera using python Graphical User Interface. These projects are available on my GitHub profile (https://github.com/Mosaddeq107?tab=repositories).

Programming Skills (From undergrad courses)		
Language Name	Certifier	CGPA (Scale 4)
Mathematical programming in MATLAB	Dept. of Mathematics, Jahangirnagar University	3.50
FORTRAN	Dept. of Mathematics, Jahangirnagar University	3.75
C	Dept. of Mathematics, Jahangirnagar University	3.50
C++	Dept. of Mathematics, Jahangirnagar University	4.00

Programming course certificates from Coursera		
Name of the course	Grade	Credential Link
Data Analysis with Python	88%	https://www.coursera.org/account/accomplishments/certificate/PA99Y8CKURVD
Data Visualization with Python	97%	https://www.coursera.org/account/accomplishments/certificate/9DDSL5TJ3SP6
Databases and SQL for Data Science	91%	https://www.coursera.org/account/accomplishments/certificate/3MBGNGUQLNEL
What is Data Science?	100%	https://www.coursera.org/account/accomplishments/certificate/2Q2825TFYCA8
Data Science Methodology	91%	https://www.coursera.org/account/accomplishments/certificate/2MUM85PN96G3
Python for Data Science and AI	96%	https://www.coursera.org/account/accomplishments/certificate/2VZRRPVUVJWR
Programming for Everybody (Getting Started with Python)	100%	https://www.coursera.org/account/accomplishments/certificate/694ZTD58D7H7
Tools for Data Science	99%	https://www.coursera.org/account/accomplishments/certificate/DS3KPZTYMSVJ

Computer Skill		
Title	Description	Certifier
Basic Computer Certificate	Microsoft Word, Microsoft Excel, Powerpoint, Basic Computer Management.	Dept. of Mathematics, Jahangirnagar University

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Date: 11/1/2022

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