

Palash Saha

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RESEARCH INTERESTS

Multimodal Machine Learning , Deep Learning, Natural Language Processing, Social Network Analysis

EDUCATION

Hamdard University Bangladesh

Bachelor of Science in Computer Science and Engineering

2013 — 2017

Cumulative GPA: 3.91/4.00

TEACHING EXPERIENCE

Hamdard University Bangladesh

Lecturer

Munshiganj, Bangladesh

December 2018 — Present

- Creating course material, lesson plans, and curricula.
- Taking theory and Lab classes
- Conducting research and fieldwork, engaging with students, and assisting with project work.
- Attending interviews, conferences, and organizational meetings.

SUPERVISED PROJECTS

An Ad-hoc Network Development with WPA Integration for Smart Home- A Simulation Study

December 2023

- Student name: Afrina Jahan, ID: 315192015

A Proposed Web Based Online Crime Report Management System

December 2023

- Student name: Khadiza Iqbal, ID: 315192025

An Android Based Information Management System of Hamdard University Bangladesh "E-campus"

August 2023

- Student name: Md. Khaled Hasan, ID: 315181019
- Student name: Sohag Sarker, ID: 315181021

Web Based Cryptocurrencies Exchange System "Bswap"

August 2023

- Student name: Md. Mahede Hasan, ID: 315181022

Online COVID-19 Testing Management System

December 2021

- Student name: Sharif Hossain, ID: 315173017
- Student name: Farzana Islam Emo, ID: 315173012

Design and Development of Online Used Book Buying and Selling Platform for University Students

August 2021

- Student name: Md. Tanvir Hossain, ID: 315171013
- Student name: Md. Saiful Islam, ID: 315172002

PUBLICATIONS

Journal paper

In-progress

- Fake News Detection Using Machine Learning

CERTIFICATE COURSES

CCNA: Routing and Switching

- Module 1: IPv4, Subnet Mask, Ethernet, Topology
- Module 2: Basic Switching, Dynamic Routing Protocols, VLAN, ACLs, DHCP, DNS, NAT
- Module 3: OSPF, IGRP, BGP
- Module 4: SSH, Telnet

Database Management and Administration

- ORACLE 11g
- SQL
- RDMS

Web Application Development

- HTML, CSS, JavaScript
- PHP, MySQL

AWARDS

Merit Scholarship

Scholarship given based on semester result

Hamdard University Bangladesh

Intra-University Project Showcasing Program-2014

Runner-up

Hamdard University Bangladesh
2014

Intra-University Project Showcasing Program-2015

2nd Runner-up

Hamdard University Bangladesh
2015

OTHER EXPERIENCES

ACM-ICPC Programming Contest

Coach

Dhaka

2021

- Team name: HUB_Coders

Intra-University Programming Contest

Problem Setter

Hamdard University Bangladesh

2021

- Five different problems

Study Tour

Organizer

Hamdard University Bangladesh

2021, 2022

ENGLISH & GRE TESTS

IELTS (Academic): 7.0 (overall score)

Listening: 6.5 — Reading: 8.0

Speaking: 5.5 — Writing: 7.0

Test date: July 2023

GRE General Test: 322 (Overall score)

Verbal Reasoning: 164 & Quantitative Reasoning: 158

Analytical Writing: 3.5

Test date: April 2024

TECHNICAL SKILLS

- **Programming:** Python, Java, C, C++, Assembly
- **Web Technologies:** HTML, CSS, JavaScript, PHP, Django
- **Database Technologies:** Oracle, MySQL, PL/SQL
- **Tools and Frameworks:** PyTorch, TensorFlow, Scikit-learn, Laravel
- **Simulator:** Matlab, CISCO Packet Tracer, Blender
- **Technical Writing:** LATEX

PROFESSIONAL AIM

To obtain a PhD degree in the field of Machine Learning.