

# MD. NAHID HASAN

Engineer (Computer), BAERA

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in nahid-hasan-cse



## OBJECTIVE

I am interested in the field of computer science in which I can utilize my experience and expand my learnings, knowledge and skills.

## WORK EXPERIENCE

- 1. Engineer (Computer)**  
Bangladesh Atomic Energy Regulatory Authority  
E-12/A, Agargao, Dhaka-1207  
**Period:** June 2021- Present
- 2. Lecturer**  
Dept. of Computer Science and Engineering  
Varendra University, Rajshahi  
**Period:** 2018-2021  
**Milestones:** Other than being responsible for taking certain theoretical and lab courses, I am involved as a batch coordinator of a certain batch. I also supervise a number of students on their final year thesis or project.

## ACADEMIC CREDENTIALS

- ❖ **M.Sc. in CSE (Ongoing)**, Rajshahi University of Engineering and Technology (RUET), Rajshahi  
CGPA- 3.75
- ❖ **B.Sc. in CSE**, Pabna University of Science and Technology (PUST), Pabna  
CGPA- 3.80 (1<sup>st</sup> position)
- ❖ **HSC, Rajshahi Govt. City College, Rajshahi**  
GPA-5.00 (Out of 5)  
Passing Year: 2010
- ❖ **SSC, Nandigram Pilot High School, Bogura**  
GPA-5.00 (out of 5)  
Passing Year: 2008

## RESEARCH INTEREST

Computer Vision, Machine Learning, Medical Image Processing, Deep Learning

## RESEARCH WORK

1. Prediction of cardiovascular risk factors from retinal fundus photographs via deep learning
2. Implementation of Blockchain Technology in an Organization like BAERA

## PUBLICATIONS

1. **M. N. Hasan**, R. I. Sultan and M. Kasedullah, "An Automated System for Recognizing Isolated Handwritten Bangla Characters using Deep Convolutional Neural Network," 2021 IEEE 11th IEEE Symposium on Computer Applications & Industrial Electronics (ISCAIE), 2021, pp. 13-18, doi: 10.1109/ISCAIE51753.2021.9431799.
2. R. Islam and **M. N. Hasan**, "Severity Grading of Diabetic Retinopathy using Deep Convolutional Neural Network," vol. 6, no. 1, pp. 1395–1401, 2021, [Online]. Available: <https://www.ijisrt.com/severity-grading-of-diabetic-retinopathy-using-deep-convolutional-neural-network>.
3. **(Submitted)** "Recognition of Basic Handwritten Math Symbols Using Convolutional Neural Network with Data Augmentation"

## ACADEMIC PROJECT

### 1. Software Project:

- a. Hospital Management System Using C# form Application
- b. The Scenery of Sunrise and Sunset using OpenGL
- c. Hospital Management System using ASP.NET
- d. Human Resource Management System (HRMs) using PHP

### 2. Hardware Project:

- i. Android Based Automated Irrigation System.
- ii. Automated home lock security System

## COURSES

- i. "Introduction to Data Science in Python" by University of Michigan on Coursera
- ii. "The Complete Python 3 Course: Go from Beginner to Advanced!" on Udemy
- iii. "Programming for Everybody" by University of Michigan on Coursera
- iv. "Python Data Structures" on Coursera

## REFERENCES:

### **Prof. Dr. Md. Al Mamun**

Head

Department of CSE, RUET

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### **Md. Shafiul Azam**

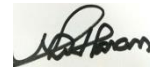
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I hereby declare that the information given above are correct to the best of my knowledge



*Md. Nahid Hasan*