

# Ebrahim Hossen

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🔍 Researchgate

🐙 Github

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<https://ebrahim-hossen.github.io/>

🌐 LinkedIn



## Carrier Objectives

- 📌 Develop my career in teaching and research field where I will have the scope to utilize my potentiality, adaptability and I can learn and contribute in positive ways. As a young aspirant, I want to pursue my goal with dedication, sincerity, honesty and hard work.

## Education

- 2024 – present 📌 **M.Sc.Engg. , Pabna University of Science and Technology**, Pabna, Rajshahi.  
Dept. of: *Information and Communication Engineering*.  
CGPA: ongoing
- 2017 – 2023 📌 **B.Sc.Engg. , Pabna University of Science and Technology**, Pabna, Rajshahi.  
Dept. of: *Information and Communication Engineering*.  
CGPA: 3.54 / 4.0
- 2014 – 2016 📌 **HSC. Sarishabari College**, sarishabari, Jamalpur.  
Group: *Science*.  
Board: *Dhaka*.  
GPA: 4.67 / 5.0
- 2012 – 2014 📌 **SSC. Banagram Manik Uddin High School**, sarishabari, Jamalpur.  
Group: *Science*.  
Board: *Dhaka*.  
GPA: 4.94 / 5.0

## Research Publications

### Journal Articles

- 1 M. A. Hossain, M. A. R. Hasan, M. O. Faruk, *et al.*, “Bangla handwritten word recognition using yolo v5,” *Bulletin of Electrical Engineering and Informatics*, vol. 13, no. 3, pp. 2175–2190, 2024, [Scopus Q3-index]. 🔗 DOI: 10.11591/eei.v13i3.6953.
- 2 M. A. Hossain, M. A. R. Hasan, **Ebrahim Hossen**, *et al.*, “Automatic bangla image captioning based on transformer model in deep learning,” *International Journal of Advanced Computer Science and Applications*, vol. 14, no. 11, 2023, [Web of Science, Scopus Q3-index , 3rd author]. 🔗 DOI: 10.14569/IJACSA.2023.01411113.
- 3 M. A. H. Md Asraful and **Ebrahim Hossen**, “Handwritten bengali alphabets, compound characters and numerals recognition using cnn-based approach,” *Annals of Emerging Technologies in Computing (AETiC)*, vol. 7, no. 3, pp. 60–77, 2023, [Scopus Q2-index , 3rd author], ISSN: 2516-029X. 🔗 DOI: 10.33166/AETiC.2023.03.003.
- 4 M. A. Md. Anwar Hossain **Ebrahim Hossen**, “Study and prediction of covid-19 cases and vaccinations using machine learning in bangladesh,” *Australian Journal of Engineering and Innovative Technology*, vol. 4, no. 6, pp. 130–139, 2022, [ISI-index , 2nd author]. 🔗 DOI: 10.34104/ajeit.022.01300139.

## Work Experience

- 2018 – 2020 📌 **ICT Teacher**, Sure Success University Admission Coaching Centre, Pabna.
- 2021 – 2022 📌 **Mentor**, Programming Contest Club ,PUST. and **Almost 250 Programming Problems solve with data structure and algorithm.**
- 2022 – 2023 📌 **Junior Researcher**, AI Research Lab (PUST).

## Technical and Programming Skills

Languages	Strong reading, writing and speaking competencies for English, Bangla.
Coding	C, C++, Java, Python, Matlab.
Problem Solving	Data Structure and Algorithm, OOP.
Databases	MySQL, PostgreSQL, SQLite.
Web Dev	HTML, CSS, JavaScript, Apache Web Server, PHP.
Framework	Django, Tensorflow, Scikit Learn, Keras, PyTorch.
Technologies	Data Science, Artificial Intelligence, Machine Learning, Deep Learning, NLP.
Networking	CISCO Packet Tracer, IP addressing, Routing Algorithm, VLSM, VLAN, DNS Server, FTP Server, Web server, Mail Server.
Version Control	Git, Github.
Misc.	Academic research, teaching, training, consultation.

## Miscellaneous Experience

### Awards and Achievements

2005-2010	<b>Scholarship</b> , Government Primary Scholarship.
2022	<b>Champion</b> , Intra Department Programming Contest, PUST.
2023	<b>Vice-President</b> , Jamalpur District Student Welfare Association in PUST.

## Thesis

### Thesis title

- "Automatic bangla image captioning based on transformer model in deep learning" [**published**].

## Areas of Interest

- Artificial Intelligence (Machine Learning, Deep Learning, NLP, Robotics).
- Programming (C++, Java, Python, Go, Matlab).
- Database Management System and Networking.
- Data Science.
- Cyber-security.
- Computer Architecture and System Design.

## References

### Md. Anwar Hossain

Professor

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### Dr. Md. Omar Faruk

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## Declaration

- I hereby certify that the above information is true and correct to the best of knowledge. **Ebrahim Hossen.**