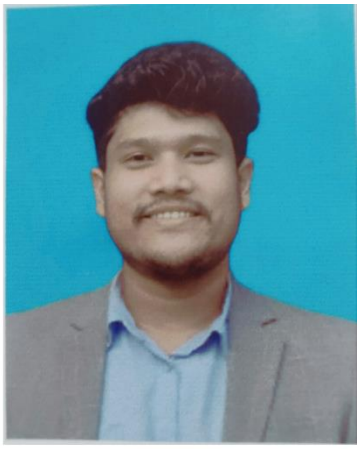
Curriculum Vitae



Niloy Kumar Barman
Permanent address: Sundorjahan mor, Gaibandha
Date of birth: 7 March 2001
Phone: +8801766644823
Email: niloy909@gmail.com
LinkedIn : https://www.linkedin.com/in/niloy-roy-901212191/

Career Objectives: I am a proactive individual with a passion for taking on challenging roles. With a strong drive and enthusiasm, I bring creative thinking and initiative to contribute effectively to entry-level positions. I desire to pursue a challenging and rewarding career in higher education that allows me to contribute to the academic and intellectual growth of students and to secure a position where I can utilize my skills and knowledge to make a significant impact on the lives of students and the academic community

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Education

Bachelor of Science in Electrical and Electronic Engineering (EEE)
University of Asia Pacific
Status: Graduated
Year: 2024 | CGPA: 2.90

Higher Secondary Certificate (HSC)
Burial Model School & College
Group: Science | GPA: 4.50
Year: 2019

Secondary School Certificate (SSC)
Gaibandha Sadar Upazila Model School & College

Group: Science | GPA: 4.33
Year: 2017

Personal Bio

Name: Niloy Kumar Barman
Father's Name: Nirmol Kumar Barman
Mother's Name: Reva Rani
Phone Number: 01766644823
Email: niloyroy909@gmail.com

Present Address:
Sayed Nagor, Nutun Bazer

Permanent Address:
Sundorjahan Mor, Gaibandha
Post Code: 5720

Professional Certification

- **Cisco Certified Networking Associate (CCNA)** — Currently Enrolled

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Technical Skills

- Network Configuration & Troubleshooting (on going)
- Digital Marketing Tools
- MATLAB Programming
- Microsoft Word & Office Suite
- Data Preprocessing & ML Concepts
- Basic Python (for ML/AI research)

Research Experience

Title: Reliable Brain Tumor Detection with YOLOv8 Using MRI Image

Description:

Developed a reliable brain tumor detection system using YOLOv8 deep learning architecture on MRI image datasets. Focused on accuracy and performance improvements using image segmentation and advanced object detection methods.

Research References:

1. Halder, A. et al. (2014). *Brain tumor detection using segmentation-based object labeling algorithm*, IEEE ICECI.
2. Rajeshwari, S. & Sharmila, T.S. (2013). *Efficient quality analysis of MRI image using preprocessing techniques*, IEEE ICT Conference.
3. Havaei, M. et al. (2017). *Brain tumor segmentation with deep neural networks*, Medical Image Analysis.
4. Sharma, K. et al. (2014). *Brain tumor detection based on machine learning algorithms*, IJCA.
5. Shohag, A. et al. (2015). *Design and development of a brain tumor detection system from MRI images*, B.J. of Physics.
6. Zabir, I. et al. (2015). *Automatic brain tumor detection and segmentation using region growing and level set evolution*, IEEE WIECON-ECE.

Academic Project

Title: Water and Air Quality Measuring System

Description:

Designed and implemented a sensor-based embedded system to monitor water purity and air quality in real-time using microcontrollers. The system was designed to be low-cost and deployable in rural areas.

General References

1. Ahmed, S. (2008). *Fire at Aga Sadek Road*, The Daily Star. http://www.thedailystar.net/news-detail-49676
2. Bangladesh Bureau of Statistics (2011). *Statistical Yearbook Bangladesh 2013*.
3. Bangladesh Fire Service and Civil Defence (2017). http://www.fireservice.gov.bd/site/page/18e08e09-ad74-4aa6-9494-84d1fdc18ad3/Fire-Incident
4. Bdnews24.com (2009). *Bashundhara City turns towering inferno.* http://bdnews24.com/bangladesh/2009/03/13/bashundhara-city-turns-towering-inferno
5. Chow, W. K. (2001). *Review on* **Fire** *Safety Management*, IJEPBFC, 3(1): 52-58.

Mr. A.H.M. Zadidul Karim

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Signature