



MD. NAFIUL ISLAM

Address: Purbanchal Road, Uttar Badda, Dhaka-1212
Phone: +8801730278090
Email: araf.cuet16@gmail.com
Portfolio: <https://nafiul-araf.github.io/>

SUMMARY

I am a data science and machine learning enthusiast with hands-on experience in predictive modeling, computer vision, and NLP projects. I also have a background in lead generation and digital marketing. Currently, I am focused on honing my skills in data analytics, predictive modeling, and computer vision.

WORK EXPERIENCE

Senior Analyst, Orboroi (Full Time)

Jan 2023 - Present

- Medical image segmentation and annotation for object detection.
- Achieved 93% accuracy in human organ segmentation using the U-net model. Provided high-quality annotated data for tree measurement detection to a forestry company, ensuring over 99% quality.
- Assisted the sales and marketing team with lead generation and content creation.

Machine Learning Engineer, IMPACT-AI LTD. (Part Time)

Apr 2023 - Sep 2023

- Multimodal feature extraction from image and text.
- Advanced AI models for fact checking platform.

Internship, Teletalk Bangladesh Ltd.

Jan 2022 - March 2022

- Image recognition project for Marketing and Value Added Service.
- Computer Vision, API Development and Deployment.

EDUCATION

Bachelor of Science in Computer Science and Engineering

Feb 2017 - August 2022

Chittagong University of Engineering Technology

- Thesis on "A Hashing and Auto-Encoder-Based Bangla Fake News Detection System".

SKILLS

- Python
- Predictive Modeling
- Computer Vision
- Data Annotation
- Computer Literacy and Communication
- Problem Solving and Analytical Skill

NOTABLE PROJECTS

- A Hashing and Autoencoder based Bangla Fake News Detection System (BSc. Thesis) (<https://github.com/nafiul-araf/BFND-System>)
- Image Recognition API (<https://github.com/nafiul-araf/Industrial-Attachment-Internship>)
- Credit Risk Modeling(<https://github.com/nafiul-araf/Credit-Risk-Modeling>)
- Bank Loan Defaulter (<https://github.com/nafiul-araf/Bank-Loan-Defaulter>)

More on Github (<https://github.com/nafiul-araf>)

CERTIFICATION

- I worked on an AI Innovation Challenge to identify grooming behavior in online chats with children to stop online violence against children. It was my first attempt at the Omdena AI Innovation Challenge. I had the remarkable opportunity to collaborate with more than 20 skilled and experienced AI professionals from across the world. I gained knowledge about how actual data science projects operate as well as how a team may work together to solve related problems.

Skills Achieved: Data Annotation, NLP, Text Analysis, Data Mining, AI, Machine Learning.

- I worked on the AI Innovation Challenge "Mitigating Implicit Biases in Healthcare Using AI". The project aims to tackle implicit biases in healthcare using artificial intelligence to identify and mitigate biases in emergency room settings, promoting fairness and equality in patient care.



OTHER CERTIFICATIONS

- Python for Everybody Specialization (<https://www.coursera.org/account/accomplishments/specialization/certificate/5H69BE8TEPJG>)
- Applied Data Science with Python Specialization (<https://www.coursera.org/account/accomplishments/specialization/certificate/J3P8R83XJC45>)
- Tensorflow Advanced Techniques Specialization (<https://www.coursera.org/account/accomplishments/specialization/certificate/FPCDD46CM6PB>)