



RAUF IBNA RAFIQ

B.SC. IN ELECTRICAL & ELECTRONIC ENGINEERING (EEE)

CONTACT

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EDUCATION

2020 - 2025

HAJEE MOHAMMAD DANESH
SCIENCE AND TECHNOLOGY
UNIVERSITY

- B.Sc. in Electrical and Electronic Engineering
- CGPA: 3.3/4

2016 - 2018

JAMALPUR RESIDENTIAL
MODEL COLLEGE

- HSC

TECH SKILLS

- MATLAB
- AutoCAD Basics
- Microsoft Office (Essentials)
- Python
- Canva
- Prompt Engineering
- GitHub

PROFILE

As an EEE graduate, I've gained valuable, hands-on insights from industrial training and visiting leading power plants. I enjoy working with MATLAB, Python, and AutoCAD, and thrive in collaborative settings. Passionate about solar energy and power systems, I'm eager to contribute practical solutions while growing with a team dedicated to sustainability and innovation.

WORK EXPERIENCE

- **Ashuganj Power Station Company Limited, Ashuganj, Brahmanbaria** 15 DAYS
Industrial Training
 - Acquired hands-on experience in modern power generation by visiting three advanced and one older power plants during a 15-days internship at APSCL.
 - Developed practical knowledge of plant operations, energy management, and safety protocols while observing industry best practices onsite.
- **Industrial Visit** 2024
 - 1. Substation - Polli Biddut (Dinajpur-1)
 - 2. Confidence Power Plant (Rangpur)
- **Workshop in HSTU Campus**
 - 1. Transformer Protection by School of Engineers (1 day)
 - 2. IC Design by Ulkasemi (1 day)
 - 3. MATLAB Simulink by IEEE HSTU Student Branch (2 days)
 - 4. Solar System Design by IEEE HSTU Student Branch (2 days)
- **Leadership & Extra-curricular Activities**
 - **Co-convener** at IEEE HSTU Student Branch.
 - **Documentation Lead** at HULT Prize at HSTU.
 - **Event management member** at HULT Prize at HSTU.
 - **Executive member** at School of Engineers-HSTU Chapter.
 - **Class Representative (CR)** at Dept. of EEE (8th Batch)

SOFT SKILLS

- Event Management
- Public Speaking
- Leadership
- Effective Communication
- Critical Thinking

INTERESTS

- Solar Energy
- Power System
- Artificial Intelligence
- Business Growth

ACHIEVEMENT & CERTIFICATES

- Winner at Best English Speaker by E-Speaking Club of HSTU.
- Runner Up at Let's Talk by Skill Development Club of HSTU.
- EDGE Project of Bangladesh Computer Council, ICT Division - (80 Hours) - Python Django.
- DeepLearning.ai - AI for Everybody

UNDERGRADUATE THESIS

- Development of an Integrated Face Recognition Platform Using Computer Vision and Transfer Learning with MATLAB
 - Built a real-time face recognition system with 93% accuracy using transfer learning (AlexNet).
- Design and Development of a Social Robot Featuring Integrated Simulation-Based Control Systems Utilizing Raspberry Pi and Arduino
 - Designed a social robot (simulation-based) for hospital use, cutting cost and time through smart sensor integration.

PERSONAL INFORMATION

Father's Name	:	Rafique Islam
Mother's Name	:	Nazma Khatun
Date of Birth	:	30 th March 2001
Marital Status	:	Married
Religion	:	Islam
Permanent Address	:	Zia College Road, Bagerhata, Jamalpur Sadar, Jamalpur - 2000

REFERENCE

Mahfuz Tasnim Jasi

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