



Education:

American International University Bangladesh B.Sc. in Electrical and Electronic Engineering (CGPA: 3.32/4.00)	Aug 2018 – Mar 2023
Dhaka Imperial College Higher Secondary School Certificate (HSC) (GPA: 3.50/5.00)	Jun 2016 – Feb 2018
Motijheel Government Boys' High School Secondary School Certificate (SSC) (GPA: 4.89/5.00)	Jan 2007 – Nov 2016

Relevant Coursework:

Power Electronics, Electrical Circuits, Electrical Machines, Electrical Power Transmission & Distribution, Electrical Properties of Materials, Power Systems Analysis, Power Stations and Substations, Engineering Ethics, Engineering Shop, Engineering Management, and Electrical Services Design.

Skills:

- **MS Office** (Proficient in Word, Excel, and PowerPoint)
- **AutoCAD** (2D Drawing, Solar System Design)
- **MATLAB & Simulink** (Power System Analysis)
- **Proteus** (Microprocessor Controller)
- **Programming Language** (C/C++)

Training and Internship Experiences:

Intern , Dhaka Power Distribution Company Limited (DPDC). <ul style="list-style-type: none">• Visited 132/33/11kV Substation, Workshop, Store, Planning & Design Division, Metering, Network Operation and Customer Services (NOCS) Office.• Secured 1st Position in the final assessment out of 56 participants.	Sep 2022 – Dec 2022
Intern , Dhaka Electric Supply Company Limited (DESCO). <ul style="list-style-type: none">• Visited 33/11kV Substation, Grid System Protection, Sales & Distribution (S&D) Division.	Oct 2022 – Nov 2022
Trainee Engineer , Solar Home Co. <ul style="list-style-type: none">• Solar Photovoltaic (PV) Technology, System Design and Sizing, Electrical Systems and Wiring, Energy Storage Systems, System Monitoring and Maintenance, BOQ of total PV system project.	May 2023 – Aug 2023
Trainee Engineer , Systech DataSoft <ul style="list-style-type: none">• Data science tools and techniques that I am learning in this course, such as Python, SQL, machine learning, and data visualization.	Aug 2023 – Present
Safety Training , Samsung C&T Safety Academy <ul style="list-style-type: none">• Use of PPE, Safety Goggles, helmets, Gloves, shoes, Harness, fire extinguishers, and Jumping tricks from a Highrise building.	
Basic Computer Training , National Youth & Technical Training Center <ul style="list-style-type: none">• Advanced Computer Application certificate course on fundamentals of computer windows operating system, Microsoft office application (MS Word, Excel, and PowerPoint)	

Conference Publications:

- K.M. Rayhan, Shuvo Dip Roy, **Md. Fahimul Haque Sadid**, Kazi Firoz Ahmed, Abu Hena Shatil, "Surface Damage Detection of Line Insulators Using Deep Learning Algorithms to Avoid Insulation Failure," 2023 3rd *International Conference on Robotics, Electrical and Signal Processing Techniques (ICREST)*, Dhaka, Bangladesh.

Ongoing Projects:

- **Md. Fahimul Haque Sadid**, Md. Imran Hossain, Md. Amirul Islam, Md. Ratul Aman, "Sustainable and Universal EV Charging Infrastructure with Solar and Wind Power,"
- **Md. Fahimul Haque Sadid**, K.M. Rayhan, Shuvo Dip Roy, Kazi Firoz Ahmed, Abu Hena Shatil, "Surface Damage Detection of Line Insulators Using Deep Learning Algorithms to Avoid Insulation Failure with algorithm YOLOv7,"