

Rubaiat Hossain | Curriculum Vitae

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CAREER OBJECTIVE

Seeking to leverage my technical knowledge and skills to pursue a career in a progressive organization while learning relevant skills along the way which can aid in the development of both myself and the organization.

EDUCATION

Bangladesh Army University of Engineering & Technology (BAUET) <i>Bachelor of Science (B.Sc.), Electrical & Electronic Engineering</i>	Natore, Bangladesh 2017-2021
<ul style="list-style-type: none">• Relevant Courses: Power Electronics, Semiconductor Devices and Digital Electronics, VLSI, Power Systems and Renewable Energy, Electrical Machineries and Measurement, Electrical Properties of Materials, Engineering Electromagnetics, Electrical Circuits, Communication Theory and Network, Signals and Systems, Control System and Mechanical Engineering Fundamentals• Thesis Title: Modelling and Analysing A 9 Level Cascaded H- Bridge Inverter Integrated Photovoltaic System Functioning as a DER.• Project Title: Intelligent & Methodical Light-Fan Control System.	
CGPA: 3.59/4.00	
Dhaka College <i>Higher Secondary School Certificate (HSC), Science</i>	Dhaka, Bangladesh 2015-2017
GPA: 5.00/5.00	
Ideal School & College <i>Secondary School Certificate (SSC), Science</i>	Dhaka, Bangladesh 2004-2014
GPA: 5.00/5.00	
<i>Junior School Certificate (JSC)</i>	2004-2011
GPA: 5.00/5.00	

INTERNSHIP EXPERIENCE

Electricity Generation Company Bangladesh Ltd. (EGCB) <i>Industrial Trainee</i>	Dhaka, Bangladesh Feb. 2020-Mar. 2020
<ul style="list-style-type: none">• Observed the work procedure of Electrical, Mechanical and I&C departments.• Submitted several reports on TARI 1080-36P generator, PG-9171E gas turbine, water cooling systems, treatment plants, fuels, boilers, combustion chambers, gas booster compressor and switchgear.• Learned of the various protocols (e.g., safety, logs and work permits).	

SKILLS

Technical	Python, MATLAB & Simulink, AutoCAD Electrical, Homer Pro, Data Analysis, Helioscope, NI Multisim, EMU8086, MICROWIND, C, ModelSim (Verilog), circuit design & analysis, electrical service design and troubleshooting.
Core	Critical thinking, creative writing, time management, digital literacy, constant development and adaptability.
Languages	English (EFSET 83), Bengali (Native), Hindi, Arabic and German.
Miscellaneous	Microsoft Office, \LaTeX , basic Photoshop & Illustrator, academic research and teaching.

AWARDS & ACHIEVEMENTS

- Placed within top 20, in Authorsgate 2.0 at Medium.
- Completed graduation with a merit position of 4th among 42 undergraduates.

ADDITIONAL EXPERIENCE

IEEE Student Branch KUET on MEDIUM

Writer

Online

Jan. 2021-Present

UNICODE ICT CARE

Senior Mentor

Natore, Bangladesh

Jul. 2018-Jan. 2019

- Gave preparatory lectures to students of secondary and higher secondary levels.

INTERESTS

Research

- Nanomaterials in Photovoltaics, renewable energy conversion, smart grids, power electronic converters, and brain machine interface.

Recreational

- Arduino projects, reading literature and scientific articles, listening to podcasts, football (soccer), competitive computer gaming.

Memberships

- Member, IEEE Student Branch BAUET *May 2020-Jan. 2021*
- Member, BAUET Automation and Robotics Club *2018-2021*
- Member, Organizing Committee of Boral Hall, BAUET *2018-2019*
Aided in the organization of several festivals with attendance of above 300 undergraduates.
Designed official hall and university apparel 5 times and ensured quality of products which amounted to over 500 pieces.

PERSONAL DETAILS

Father's Name	Shakhawat Hossain
Mother's Name	Rowson Ara
Date of Birth	5 th May, 1998
Nationality	Bangladeshi
Gender	Male
Religion	Islam (Sunni)
Height	5 feet 4 inches
Weight	56 kg
Marital Status	Single
Home District	Barisal
Permanent Address	House No: 42; Road No: 6; Block: C; Banasree, Rampura, Dhaka-1219

REFERENCES

1. Zobair Hossain Khan
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