



Md. Raihan Ali Khan

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Career Objective

As a fresher, I want to implement my knowledge of various technical as well as creative skills according to the requirement of different sectors of the organization. I am also determined for the effective execution of appropriate planning through proper analyzing, designing and developing. It will always be my concern to be aware of any kind of complexity of the organization and find out the basic problems to solve out in a better and professional way. That will benefit the organization overall in the long run and will also work as good support for me in building up my much better and organized professional career.

Experience

January 2021- October 2021

Research Assistant- Various (My Supervisor- Dr. Md. Abdur Razzak)

- Worked as Volunteer research assistant in IUB Labs.
- Commended by the professor for accuracy and communication skill.
- Conduct deep research into 3 unique project topics as supervised by professor.
- Published 1 conference paper in IEEE Xplore Scopus library. 1 paper accepted in i-PACT 2021.

Publication

- A Cost-Effective Smart Walking Stick for Visually Impaired People, (ICCES2021).
- Dispersion Compensating Defected Core Octagonal Photonic Crystal Fiber, Research Article in International journal of scientific and technical research in engineering (IJSTRE2021).
- Identification and Tracking of Underground Cable Fault Using GSM and GPS Modules, (i-PACT2021)

Academic Qualifications

- **B.Sc. in Electrical & Electronic Engineering** at Independent University, Bangladesh. CGPA- 3.1
- **Higher Secondary Certificate** Examination, Institution: B.A.F. Shaheen School and College Chittagong, Board: Chittagong, Group: Science, CGPA- 4.13.
- **Secondary School Certificate** Examination, Institution: B.A.F. Shaheen School and College Chittagong, Board: Chittagong, Group: Science, CGPA- 4.00.

Technical Skills & Course Certification

- **Software Skills :**
 - **Microsoft Office:** Word, Excel and PowerPoint.
 - **Programming Languages:** C, C++, and Python.
 - **Circuit Design:** Proteus, CAD, PSIM, Cisco, MATLAB.
- **Platforms:** Windows.
- **Hardware Skills :**
 - Microcontroller-based Project, Robot base work, Converters, Circuit Implementation.

- **Course Certification :**
 - Supply Chain Logistics-Rutgers the State University.
 - Professional Development Excel for Beginners- BYLCx
 - PowerPoint for Presentation- BYLCx
 - Kick Start your Career- BYLCx

Language Proficiency

- English: Fluent in English.
- Bengali: Native.

Academic Projects

- Worked on developing a **Line following Robot.**
- Worked on developing an **Automatic Street Light.**
- Worked on developing a **Bipedal Obstacle Avoiding robot.**
- Worked on developing a **Mobile Control Military use spy robot.**
- Worked on developing a **Smart Weather Monitoring System.**
- Worked on developing a **Smart and cost Effective Walking Stick for Visually Impaired People.**
- Worked on developing an **Underground Cable Fault Checker.**
- Worked on developing an **IoT Based Smart and Cost-Effective Irrigation System.**

Extra-Curricular Activities

- Participated in Robotics Project competition Organized by IEEE IUB.
- Participated and Performed in IUB Theatre Organized by IUB as a funny Character.
- Participated and Performed in IUB Theatre Organized by Coca-Cola as a lead Character.
- Organized 'Cyber Bullying' and 'Drugs' two awareness programs through my supervision.
- Founding member and First Event management coordinator in IUB social welfare club.
- Volunteering in 'Call of Humanity and Rohingya Refugees 2017' organized by IUB.
- Volunteering as a Floor Manager in 'Ascension17' organized by IUBDC.
- Participated in a Robotic Competition for line following Robot.
- Achieved the third position in Chess tournament organized by IUB.
- Runner up of a Badminton (Team) Tournament organized by BAF Base Zahurul Haque.
- Runner up of a Basketball Tournament organized by BAF Base Matiur Rahman.

Personal Information

Name	: MD. Raihan Ali Khan
Father's Name	: MD. Yeasin Ali Khan
Mother's Name	: Nahid Parvin (Munni)
Present Address	: House no.84/88, North Kafrul, Dhaka Cantonment, Dhaka 1206
Permanent Address	: House no.84/88, North Kafrul, Dhaka Cantonment, Dhaka 1206
Date of Birth	: 10-03-1996 (10 th March 1996)
Marital Status	: Unmarried
Sex	: Male
Nationality	: Bangladeshi
Blood Group	: O+

Reference

Dr. Md. Abdur Razzak
 Professor & Former Head,
 Department of Electrical & Electronic Engineering,
 Independent University, Bangladesh (IUB).
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