IBTEDA KARIM

CONTACT

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📍 10 Green View, Halishahar, Chittagong

EDUCATION

⬤ SSC (2019)
CHITTAGONG COLLEGIATE SCHOOL

GPA- 5.00

- Received General Scholarship

⬤ HSC (2021)
CHITTAGONG COLLEGE

GPA- 5.00

⬤ Bachelor of Science - BSc
ISLAMIC UNIVERSITY OF TECHNOLGY (IUT) -OIC

3rd year (6th semester)
Electrical and Electronic Engineering

SKILLS

- Proteus
- Canva
- Robotics (worked on soccerbot)
- Matlab , Python Coding
- Orcad
- Autocad (2007)

LANGUAGES

- Bengali (Native)–Fullprofessional proficiency in reading and writing; fluent in speaking.
- English (Intermediate) – Strong reading and writing skills; conversational speaking ability.

PERSONAL DETAILS

Gender - Male
Nationality - Bangladeshi by birth
Religion - Islam

ACHIEVEMENTS

⬤ Accelerate

Participated in the 'Soccerbot' segment of Accelerate, an event organized by IEEE Robotics and Automation Society (RAS). Demonstrated strong team collaboration, robotics skills, and strategic thinking to reach the semifinals among numerous teams.

⬤ Cation Science Contest

Secured 1st place in a science competition hosted by Cation, based on an integrated examination covering Physics, Chemistry, and Biology. Showcased academic excellence and interdisciplinary scientific knowledge.

⬤ IUTFIS Olympiad

Ranked among the top 10 in the Astronomy Olympiad organized by IUTFIS, reflecting strong analytical ability and a deep interest in astronomy and space science.

⬤ IAAC

Successfully advanced to the pre-final round of the International Astronomy and Astrophysics Competition (IAAC) by qualifying through the initial selection stage, demonstrating global-level competence in astrophysics problem-solving.

EXPERIENCE

- Participated in Pran Marketiniac 3.0
- Participated in Hult Prize intra-IUTsegment
- Completed C-factor game of BanglalinkEnnovators6.0

PROJECTS

⬤ SAP-1

Collaboratively designed and built a functional 6-bit binary computer based on the SAP-1 architecture. Demonstrated fundamental concepts of digital logic design, control units, and basic computer architecture. Successfully completed and tested all operations within the system.

⬤ CGPA Calculator

Worked in a team to develop a CGPA Calculator tailored for Islamic University of Technology (IUT), complete with a Graphical User Interface (GUI). Ensured accurate and user-friendly academic performance tracking, incorporating detailed rules and grading schemes specific to the institution.

⬤ Ball Launcher

Led the development of an innovative ball launcher system for table tennis, capable of tracking a person using Computer Vision techniques. Implemented a horizontal aiming and launching mechanism to simulate realistic practice scenarios. Integrated multiple advanced features to enhance functionality, precision, and user experience.