Zaeed Ahmad

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About Me: 3rd Year student of Electrical and Electronic Engineering (EEE) at Islamic University of Technology (IUT), with a keen interest in electronics and telecommunications. Hope to further expand my knowledge and technical expertise, so that I can make a positive difference in people's lives.

Education

From 2009-2021:
DPS STS School Dhaka-
Cambridge International Education (CIE) O level and A levels
From 2022:
Islamic University of Technology (IUT)-
3rd Year *BSc. in Electrical and Electronic Engineering*
CGPA- 3.37 (Up to 4th Semester)

Experience

Project Altair
Science Team Sr. Member
Worked on ***researching*** the environmental conditions of the ***Moon*** and ***Planet Mars***, to help determine the ***feasibility*** of various ***sensors***, ***radars***, and other ***equipment*** on a ***rover***

IEEE IUT Robotics & Automation Society (RAS)
Junior Technical Officer

IUT Career and Business Society (CBS)
General Member

Competitions

- Rover Competitions:
  - European Rover Challenge (ERC) 23 & 24, ***Finalists***, ***(AGH University of Krakow, Poland)***
  - International Rover Challenge (IRC) 24, ***Finalists*** and ***'Best Science Team Award'***, ***(Coimbatore, India)***
  - International Rover Design Challenge (IRDC) 25, ***Semi-finalists***
- Accelerate 2023: ***intra-IUT robotics*** competition, ***Semi-finalist*** in Soccerbot segment
- Greatness Express 2023: ***intra-IUT debate*** competition, ***Semi-finalist***
- Hult Prize 2023: ***Semi-finalist*** in ***intra-IUT*** segment

Projects

- ***Intelligent Table Tennis Training Machine:*** ball launcher which employs ***Computer Vision*** for aiming
- ***PCB design:*** SAP-1 6-bit computer, Servo Motor Controller circuit
- ***Python:*** File Organizer, CGPA Calculator

Skills

- Circuit simulation with MATLAB, PSpice
- Programming Languages: C, C++, Python
- PCB Design- Proteus, Autodesk Eagle
- Research Paper Analysis