

# FARNAZ FAWAD HASAN

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**GitHub:** [github.com/Farnaz4](https://github.com/Farnaz4)

A recent CSE graduate who is passionate about building a career in IT and business development.

## EXPERIENCE

### FEBRUARY 2023 – PRESENT

**EXECUTIVE**, AAMRA NETWORKS LIMITED

**TEAM-** AWS, **DEPT.** – INTERNET OF THINGS

- Playing a pivotal role in critical operational tasks, optimizing workflows, and implementing efficient processes.
- Familiar with working with cloud platforms such as AWS, Azure, and GCP.
- Proficient in writing software requirements specifications (SRS) and use cases for cloud-based applications.
- Comfortable with presenting technical information to both technical and non-technical stakeholders
- Skilled in crafting website content, including technical documentation and analysis reports.

### FEBRUARY 2022 – MAY 2022

**PROJECT EXECUTIVE**, 10 MINUTE SCHOOL

- Generated exclusive copies and captions for the official social media page, jobs page and the career page having an accumulative following of more than 3.5M followers.
- Assisted in developing ideas for promotional activities for social media campaigns.
- Developed interpersonal and leadership skills through working with teams of 3 to 6.
- Ghostwrote 5 articles for Our People, 10 Minute School.

### MARCH 2020 – PRESENT

**CONTRIBUTER**, THE DAILY STAR

- Accomplished writing over 35 original articles for SHOUT.
- Interviewed respective personnel and participated in meetings and brainstorming sessions.

### MARCH 2020 – FEBRUARY 2021

**STUDENT INTERN**, BACBON LTD.

- Worked relentlessly to ensure quality primary education to 5 underprivileged, dropout students using e-learning technologies.

## PROJECT/ THESIS:

- **TOPIC-** EXPLORING THE INTERSECTION OF MACHINE LEARNING AND EXPLAINABLE ARTIFICIAL INTELLIGENCE: AN ANALYSIS AND VALIDATION OF ML MODELS THROUGH XAI FOR INTRUSION DETECTION  
**SUPERVISOR-** PROF. DR. MOHAMMAD IQBAL HOSSAIN  
**SUMMARY-** BECAUSE OF THE BLACKBOX NATURE OF ML MODELS IT IS HARD TO VALIDATE THE RESULTS OF THE LEARNING. WE USED A TON-IOT DATASET AND VALIDATED THE ACCURACY OF DIFFERENT ML MODELS THROUGH XAI TO FIND WHICH FEATURE HOLDS MOST SIGNIFICANCE IN THE RESULT.

## ACHIEVEMENTS:

- Hult Prize 2022 - (**1<sup>st</sup> Runners Up**)
- World Bank- UN Road Safety Championship 2019 (**2<sup>nd</sup> Position**)
- HerWILL April 2022 Datathon (**Finalist**)
- Urbania-World Vision Air Solutions Challenge- (**Finalist**)
- Fishbowl Challenger 2021- (Selected to compete with **138** other contestants from over 79 nationalities from Africa, Europe, AMERICA, and Asia.)
- Woori Idea Fest 2019 and 2021 (**Top 50**)
- BCOLBD Blockchain Olympiad Bangladesh 2021 - (**TOP 50**)
- 'COVID-19 COMBATANTS UNIFICATION COMPETITION' by IEEE BRACU - (**4th and 5th**)  
(Category- Research Paper)  
And participated in other business competitions like HSBC Business Competition, CASENATION, PERFETTI Van Melle presents Masters of Ideation 2020, DABUR Sanitize Presents Negocio 1.0, etc.

## SKILLS

- JAVA, PYTHON, C++, JavaScript
- HTML, CSS, PHP, LARAVEL
- MYSQL, GIT, Bash
- ML, TENSORFLOW, PYTORCH
- Creative writing, Formal Writing, Documentation
- Adobe Illustrator, Photoshop

## EDUCATION

JANUARY 2023

**B.SC COMPUTER SCIENCE AND ENGINEERING**, BRAC UNIVERSITY

GPA: 3.75/4

DECEMBER 2018

**HSC**, ADAMJEE CANTONMENT COLLEGE

GPA: 5/5

DECEMBER 2016

**SSC**, SHAHEED BIR UTTAM LT. ANWAR GIRLS' COLLEGE

GPA: 5/5