TAHSINUL HAQUE DHRUBO

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BACKEND DEVELOPER

TECHNICAL SKILLS

- Python
- Machine Learning
- Flask
- Javascript
- NodeJS

- Java
- HTML & CSS
- Selenium(Automation)
- FastAPI
- ReactJS

WORK EXPERIENCE

Co -Lead of BRACU STEMXPERT | STEMX365   Mar 2022 - Present

- STEMX365 is a USA based non-profit 501(c)(3) organization, affiliated with MIT Zero Robotics, for teaching International Space Station (ISS) based STEM(Science, Technology, Engineering, Math) education in under-served communities. STEMX365 was founded in 2019 as a non-profit organization by scientists from MIT, Harvard and Columbia university.

Former Director of Communications | BRAC University Response Team   Mar 2020 - Nov 2022

- BracU Response Team is dedicated to the aid of students in crisis including any but not limited to epidemics, pandemics, or in general social welfare of the BracU community.

Former Senior Member of Control and Sofware | BRACU Mongol Tori   Oct 2020 - Mar 2022

- Mongol-Tori is a next-generation mars rover that will one day work alongside human explorers on the red planet. Here I developed my own control software using Python.

PROJECTS

Chakri Khujo - Job Posting Website | Github Repo   Dec 2023

- Made for job search and posting
- MERN Stack

Sign Language Detection BDSLP | Github Repo   Sep 2023

- Used LSTM and Mediapipe
- Achieved 96% accuracy

SoloNest(Group Project) | Github Repo   Aug 2023

- Made with Django, Tailwind CSS, and Postgresql
- Implemented Payment Gateway with SSLCOMMERZ

Predicted Routine | Github Repo   May 2023
- Developed with Selenium and FastAPI
- To ease students pressure

Hello USIS| Github Repo   Oct 2022
- Developed a website with Django and Selenium
- Improved user experience and removed pressure

Aruco-marker with JAVA | Github Repo   May 2022
- Used Java OpenCV
- Created for KIBO RPC

E-Ticketing | Github Repo   Sept 2022
- Made for Bus, Train, and Plane
- Made with HTML, CSS, Javascript & PHP

Controller with Socket Programming | Github Repo   Mar 2021
- Made with Python
- Control System for a rover

EDUCATION

B.Sc. in Computer Science | BRAC University   Jan 2020 - Dec 2023
- BracU hopes to instill in its students a commitment to working towards national development and progress.

AWARDS & ACHIEVEMENTS

- 2nd Kibo Robot Programming Challenge (Kibo-RPC) [Runners-up][Won Crew Award]
- SPACE TEAMS INTERNATIONAL MISSION OZ [6th Place]
- BRAC University Intra University Programming Contest 2021(Champion)
- BRAC University Intra University Hackathon[Runnersup]
- Finalist in Bangladesh Blockchain Olympiad 2022
- 3rd Kibo Robot Programming Challenge (Kibo-RPC) [Won Crew Award]
- 100 Problems solved on LeetCode. [ID- Exile404]
- Honorable Mention in ICPC2021