Rafsan Al Mamun

Computer Science and Engineering Graduate

Introduction

An innovative, team-centred and proactive individual with extensive experience in AI-based data-driven projects, project management, and UI design, willing to continue learning for tackling real-world challenges and leading impactful projects.

Contact Information

- Tongi, Gazipur, Bangladesh
- +880 167 4215002
- rafsan7238@gmail.com
- https://rafsan.tech
- linkedin.com/in/rafsan7238/
- github.com/Rafsan7238

Core Skills

- AI and ML Research
- Project Management
- Web Design
- Scientific Publication
- Team Leadership and Management
- Empathetic Communication
- Programming Proficiency: Java, Python, HTML5 + CSS3, Swift, TensorFlow and scikit-learn libraries
- Certifications: AI, Web Design, Project Management, iOS Dev

Experience

STUDENT TUTOR

June 2021 - May' 2022

BRAC University, Dhaka, Bangladesh

- Taught CS and programming fundamentals to freshmen
- Co-arranged intra-batch contest to foster and encourage programming

GENERAL MEMBER

Oct' 2019 - May 2022

ROBU, Dhaka, Bangladesh

- Arranged and conducted workshops on basics of robotics
- Co-launched Traction-2020, one of the largest inter-university tech festival in Bangladesh

PROJECT LEAD AND MANAGER

May 2020 - Jan' 2021

Care2U, Dhaka, Bangladesh

- Lead in the design and development of a PPE-donation platform for healthcare workers during COVID-19
- Learned HTML and CSS, and implemented Agile practices to cut development time by 40%
- Partnered with local government to reach >500 donations

Education Background

BRAC UNIVERSITY

BSc in CSE | May 2018 - May 2022

- VC's List (CGPA: 3.99)
- Recipient of Merit Scholarship
- Member of IEEE BracU Student Branch and Robotics Club of BracU

SCHOLASTICA

CIE O and A Level | August 2013 - June 2017

- Class Valedictorian
- The Daily Star Award 2015 and 2017
- High Honours (Avg. > 90%)

Notable Projects, Awards and Publications

- Breast Cancer Prediction with CNN: UG thesis; Presented at UBYMK 2021 Ankara; Published in IEEE Xplore
- Satellite EDAC Scheme: Published in ICSSC 2020 Paris; Best Presentation Award
- CCUC 2020: 3rd place nationally for Care2U
- Science Lab AR Simulator: Helped rural students with no lab access; Top 10 in HULT Prize @ BracU 2020
- Traffic Mortality Reduction: Data Science project to derive a road-safety control policy
- Epidemic Modelling with SIR: Data-driven project to show disease spread with and without vaccination
- Lunar Soft Landing: Simulation based control policy to soft land a lunar module with fuel efficiency

** More projects available on my website, LinkedIn and Github profiles **