

Sazzad Alam Bhuiyan

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Computer Science graduate seeking for an opportunity to use my knowledge on programming and multiple graphical functions. Experienced on web designing and development along with video and graphics designing. Android app development and computer vision were part of my practices. Looking forward to being a part of an enthusiast team to contribute and learn for the betterment of the firm as well as the community as a whole.

EDUCATION_

Bachelor of Science in Computer Science and Engineering

September 2017 – September 2021

BRAC University, Dhaka, Bangladesh.

CGPA: 3.59/4.00.

Higher Secondary Certificate (HSC)

July 2015 – July 2017

Mohammadpur Model School and College, Dhaka, Bangladesh.

GPA: 4.65/5.00.

WORK EXPERIENCE_

Graphic & Junior Web Designer

September 2019 - Present

Dikkha Online Limited.

My responsibilities involve creating web pages for dikkha.com (an interactive online learning website). I also perform graphic designing activities such as video editing, motion graphics, image editing for promotional purposes.

Mentor

January 2021 – May 2021

Technovation Bangladesh (Bangladesh Chapter of Technovation).

My responsibility involved guiding school/collage going female candidates in making android applications and business planning for the [technovation challenge](#).

PUBLICATION_

Conference Paper - IEM-ICDC2020

April 2021

Bondhu Tank: An Automated Smart Water Management System.

Rahman M.S., Bhuiyan S.A., Hossain M.A., Islam M.J.B., Uddin J. (2021) Bondhu Tank: An automated Smart Water Management System. In: Balas V.E., Hassanien A.E., Chakrabarti S., Mandal L. (eds) Proceedings of International Conference on Computational Intelligence, Data Science and Cloud Computing. Lecture Notes on Data Engineering and Communications Technologies, vol 62. Springer, Singapore.

Paper Link: https://doi.org/10.1007/978-981-33-4968-1_12

ADDITIONAL EXPERIENCE_

Web Designing Workshop

October 2019

Creative IT Institute.

Experienced a better understanding of HTML5, CSS and Bootstrap.

ICPC Preliminary

September 2018

An annual multi-tiered competitive programming competition among the universities of the world.

Achieved 871st place amongst 1500+ teams.

Basic Robotics Workshop

January 2018 - April 2018

BRAC University Residential Campus.

Gained experience on robotics, components and implementations.

PROJECTS_

Self Driving Car

October 2020 - September 2021

Thesis.

A video-based model involving object detection, object distance calculation, lane detection, driving and lane maintaining suggestions and warnings in Bangladeshi road condition.

Python3.7, OpenCV, Tensorflow2.0, YOLOv3, Own Datasets.

Advance CGPA Estimator

December 2020

Web Application.

A JavaScript based project including calculation of upcoming CGPA course and semester wise, calculation of retake courses. [Live Link.](#) HTML, CSS, JavaScript.

Bondhu Tank: Smart Water Management System

October 2019

Micro Controller Project.

An IoT based model involving water level measurement, water temperature measurement, auto water pump control function, android app-based water pump and water temperature control. [Presentation Link.](#)

Android Studio, Java, Arduino UNO.

Pathfinder and Obstacle Avoiding Robot

July 2019

Robotics Competition Project.

A simple Arduino based robot which identifies line and obstacles and follows the line.

Arduino UNO, Sonar Sensor, QTR Sensor.

ADDITIONAL SKILLS_

Soft Skills:

Critical thinking, Problem solving, Project development, Management, Leadership, Team work, Work Ethic and Adaptability.

Technical skills:

Java, C++, Python, JavaScript, Php, Computer Vision, OpenCV, TensorFlow, MySQL, HTML, CSS.

Software tools: Microsoft Office (Word, Excel, PowerPoint), Android Studio, Proteus Design Suite, LabVIEW, Adobe Photoshop, Illustrator, premier pro, after effects.

Languages:

Bangla (native); English (proficient).

Interests:

Travelling, Photography, Cinematography, Learning New things, Mentoring.