

Md. Arifin Ahmed Rafi



✉ ahmedrafi364@gmail.com

☎ 01611240524

📍 2B, 740, Afroza Begum Road, Block F,
Bashundhara R/A

📅 30/01/2000 🇬🇧 Bangladeshi

in <https://www.linkedin.com/in/md-arifin-ahmed-rafi-4490a1193/>

🐙 <https://github.com/ArifinRafi>

Profile

As a student of computer science, I have a keen interest in robotics, embedded systems, web development, and finding solutions to problems. Along with this, I have experience working on several machine learning projects, including computer vision models like TensorFlow, tflite, and yolo v5. I am confident in my ability to quickly learn new skills and techniques, and I aspire to become a well-rounded and adaptable engineer.

Professional Experience

Student Researcher, *Laboratory of Space System Engineering and Technology*
05/2022 – present | Dhaka, Bangladesh

Head of Machine Vision and Autonomous System, *Bracu Duburi*
04/2022 – present | Dhaka, Bangladesh

Co-Founder and CTO, *Selvice Logistics Limited*
03/2019 – 07/2021
Mohakhali, Dhaka, Bangladesh

Education

Bachelor of Computer Science and Engineering, *Brac University, Dhaka*
05/2019 – present | Dhaka, Bangladesh

Higher Secondary School Certificate,
Rajuk Uttara Model College
04/2016 – 08/2018 | Dhaka, Bangladesh

Skills

Programming Languages (Java, C++, Javascript, Python),

Image Processing (Tensorflow, PyTorch, YOLOv5),

Embedded Systems (ESP 32, STM 32, ESP 8266, Arduino),

Web Development (HTML 5, CSS, Bootstrap, Tailwind, React JS, Express, MySQL, MongoDB)

Awards

Semi Finalist, *Robosub 2022, USA*
29/06/2022

Finalist, *International Rover Competition, India*
2022

Runners Up, *KIBO Robot Programming Challenge, JAXA, Japan*
05/2021

Top 4 Industrial Projects (Bracu Duburi),
IC4IR
11/2021

Projects

Bracu Duburi Version 3.0, *The first Autonomous Underwater Vehicle of Bangladesh*
04/2021 – present

Mongol Tori, *A Mars Rover Prototype to compete in University Rover Competition(URC), USA*
02/2021 – 11/2021

Shield 52, *An IoT and WebApp based system to monitor construction workers health, work hour and detecting any sorts of accident or emergency.*
12/2022 – 04/2023