

Rahgir Arefin Rafi

Mechatronics Engineering Student Robotics and Artifical Intelligence Enthusiast

Rajshahi, Bangladesh

xahgirrafi@gmail.com

rahgirrafi

4+8801521742034

in rahgirrafi

Work Experience

President

Notre Dame Art Club December 2020 - June 2022

- Organized all the events of this club during the mentioned timeline.

Education

B.Sc in MEchatronics Engineering

Rajshahi University of Engineering and Technology, Rajshahi

January 2023 - Present

Personal Projects

Line Follower Robot

A highly optimized Line Follower Robot operating system for Arduino Development Board which contains the following features:

- -I/O using 3 buttons and OLED display
- -Onboard critical tuning such as PID Parameters, Motor Speed
- -On board calibration and saving the information for later use.

Skills



Python

Problem Solving

PCB Designing

ROS

- -C/C++: Equally comfortable with Procedural, OOP and Embedded programming.
- -**Python:** Using python regularly for AI competitions in Kaggle.
- -PCB Designing: Designed Custom shields, boards, arrays for personal projects.
- -Comfortable with Linux Environment and Command Line interface
- Familiar with ROS

Languages

Bangla

Native Proficiency

English

Professional Working Proficiency

Certification

Supervised Machine Learning: Regression and CLassification Stanford Online

Advanced Learning ALgorithm, Stanford online

Unsupervised Learninmg, Recommenders, Reinforcement Learning

Stanford Online

Machine Learning Specialization Stanford Online

Ogranisations

Notre Dame Art Club

June 2019 - June 2023

Robotics Society Ruet

September 2023 - Present

Interests

(Automation) (Robotics)

Artificial Intelligence

Embedded Systems

Research)