

Md. Samin Irtiza

[✉ md.saminirtiza@gmail.com](mailto:md.saminirtiza@gmail.com) [☎ +8801748052622](tel:+8801748052622) [📍 Dhaka, Bangladesh](https://www.google.com/maps/place/Dhaka,+Bangladesh)
[in samin-irtiza](https://www.linkedin.com/in/samin-irtiza) [🐙 samin-irtiza](https://www.github.com/samin-irtiza) [f saminirtiza.arnob](https://www.facebook.com/saminirtiza.arnob)



Recent computer science graduate with a strong foundation in programming and problem-solving, eager to apply skills in a professional setting. Strong ability to learn quickly and make valuable contributions to a team. Passionate about technology and committed to a career in the field.

PROJECTS

React & Django Todo List App

Developed and deployed a Todo List app with a responsive UI using ReactJs library, Django and an API developed with Django REST Framework. Project Link: [\[ReactDjango-TodoList\]](#)

Discord Music Bot

Created a Discord Music bot named 'Soundscape' utilizing python asyncio, ffmpeg, youtube-dl and successfully deployed in Heroku (a web hosting platform).

Project link: [\[Soundscape\]](#)

Online Pharmacy

Developed and unit tested a fully functioning Online Pharmacy using Laravel framework in MVC development pattern. Project link: [\[Online-Pharmacy\]](#)

Obstacle avoiding & line following robot

Successfully created a robot in 'Webots' simulator that can detect and avoid objects of different shapes and follow a designated path.

Automated Irrigation System

Built an automated irrigation system that monitors soil moisture, humidity and temperature to trigger an irrigation mechanism using 'Arduino Uno' microcontroller.

RESEARCH

Analysis of Deep Learning Models on Low-Light Pest Detection

BRAC University

A comparative analysis of CNN and Transformer based state-of-the-art object detection models on our own custom low-light image dataset.

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EDUCATION

BRAC University

B.Sc., Computer Science & Engineering

- With High Distinction
- 3.68/4.0 CGPA

September, 2022

Dhaka

Rajshahi Government City College

Higher Secondary School Certificate (Science)

- First Class
- 4.75/5 GPA

2017

Rajshahi

Government Laboratory High School, Rajshahi

Secondary School Certificate (Science)

- First Class
- 5/5 GPA

2015

Rajshahi

SKILLS & INTERESTS

✂ **Skills:** communicative, team-player, strategic planner, fast learner, problem solver, shell scripting, Figma, React, Django, Django REST Framework, Laravel, Git, Python, Java, JavaScript, PHP, HTML, CSS, MySQL, Linux newbie, Windows power user.

📍 **Interests:** virtualization, artificial intelligence, Linux, video games, music, sleeping, traveling, exotic foods.



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