

Samim Reza

+8801747773315 | samimreza2111@gmail.com

LinkedIn | GitHub | Portfolio

Dhaka, Bangladesh

Education

Green University of Bangladesh, Dhaka

B.Sc. Computer Science and Engineering

Jan 2022–Present

CGPA: 3.80/4.00

Government Bangabandhu College, Gopalganj

Higher Secondary Certificate

2017–2019

GPA: 4.75/5.00

S.M. Model Govt. High School, Gopalganj

Secondary School Certificate

2012–2017

GPA: 5.00/5.00

Experience

Robotics Engineer Intern, RoboTech Valley

Jul 2025–Present

- Designing robotics modules using embedded systems and ROS
- Sensor integration and autonomous navigation development

Teaching Assistant, Green University

May 2025–Present

- Conduct demo classes on C Programming and Data Structures
- Evaluate exam scripts and prepare grade sheets

Programming Trainer, Green University

Jan 2025–Present

- Conduct weekly programming sessions for all skill levels
- Prepare students for competitive coding contests

Mentor, University Mentorship Program

Jun 2023–Present

- Guide first-year students in coding fundamentals and university basic
- Teach professional tools (GitHub, LaTeX, LinkedIn)

Programming Experience

- **Champion:** Intra Dept Programming Contest 2024
- Solved 1000+ problems across online judges
- **ICPC Regionalist:** 2022, 2023, 2024 (*Three-times regionalist*)
- **Other Contests:** NCPC 2023, Intra University Programming Contest 2023, 2024
- **Problem Setter:** Junior Programming Contests

Technical Skills

Languages: C, C++, Python, Java, JavaScript, PHP

Tools: ROS, Git, LaTeX, Linux, Arduino, IoT, Raspberry Pi, Jetson, ESP32, MySQL, Render (Deployment)

AI/ML: LangChain, VectorDB(Pinecone), RAG, LLM

Projects

Personal AI Assistant

Live | GitHub

- LLM-powered assistant

Mars Rover

GitHub

- ROS-based autonomous rover with embedded systems

Animal Introductory System

GitHub

- Java GUI application with MySQL database

Portal Extended

GitHub

- Full-stack portal system (JavaScript/PHP/MySQL)

Awards

- Champion, Inter Dept Programming Contest 2024
- Vice Chancellor's Award for Academic Excellence
- National IT Quiz Competition Medalist

References

Prof. Dr. Md. Saiful Azad

Dean, Faculty of Science & Eng.

Green University

dean@fse.green.edu.bd

+8801747230418

Dr. Faiz Al Faisal

Assoc. Prof. & Director of IT

Green University

faisal@cse.green.edu.bd

+8801926662396