

Amir Hamza

Faridgonj, Chandpur

☎ 01580305573 | ✉ amirhamza.aa.hh@gmail.com

📺 YouTube: Creative Amir

🔗 AWS Certs: <https://www.credly.com/users/amir-hamza/badges>

🎯 Objective

Motivated and innovative Computer Science graduate with a strong passion for robotics, programming, and technology. With extensive hands-on experience in project development, competition, and teaching, I aim to contribute to academic excellence, student engagement, and research initiatives in computer science and robotics.

🎓 Education

Bachelor of Science in Computer Science and Engineering
International Standard University, Dhaka, Bangladesh
Graduation Year: 2024 | CGPA: 3.44/4.00

Higher Secondary Certificate (HSC)
Shaheed Ramiz Uddin Cant. College, Dhaka
Graduation Year: 2018 | GPA: 3.42/5.00 | Group: Science

Secondary School Certificate (SSC)
Tejgaon Model High School, Dhaka
Graduation Year: 2016 | GPA: 5.00/5.00 | Group: Science

💼 Experience

Instructor, Department of Computer Science and Engineering
International Standard University, Dhaka
January 1, 2025 – Present

- Teaching lab and theory courses in core CSE subjects.
- Mentoring students in robotics projects and preparing them for national/international competitions.
- Developing academic content, hands-on tutorials, and managing the robotics lab.
- Leading innovation-driven activities and technical team building.

Vice President & Director, IoT & Robotics Wing
ISU IT Club, International Standard University
September 2021 – December 2022

- Organized robotics workshops, technical events, and student-led innovations.
- Managed multidisciplinary teams and inspired technical growth among peers.

Achievements

- 🏆 2nd Runner-Up – Firefighter Robot Segment, ROBO Carnival 2023 (BUET Robotics Society)
- 🎓 Workshop Instructor – Drone Building, North South University
- 🤖 Robotics Competitor – BUET, AUST, UIU, BUBT, etc.
- 📺 Published Projects on YouTube: Creative Amir

Projects

- Mars Rover – Final year capstone project demonstrating robotic navigation, automation, and embedded systems.
- Fire-Fighting Robot, Soccer Bot, and other competition-grade robotic prototypes.
- Multiple innovations published and showcased in tech events and online platforms.

Certifications

- Workshop Instructor – ISU & NSU
- AWS Educate:
 - Getting Started with Storage
 - Getting Started with Compute
 - Getting Started with Databases

Skills

- Programming: C, Java, SQL
- Robotics: Design, control, and programming of robotic systems
- Web Development: HTML, CSS
- DBMS: Oracle, SQL
- Leadership: Team management, club leadership
- Communication: Strong verbal and written communication
- Project Management: Planning and execution of technical projects
- Problem-Solving: Analytical thinking and debugging

Languages

- Bangla: Native proficiency
- English: Professional working proficiency

Judging & Mentoring

- Judge – National Robotics Championship (NRC), February 7, 2025
- Judge – Robotics Competition at Dhaka Residential Model College (DRMC), May 1–3, 2025
- Judge – Robotics Competition at Notre Dame College (NDC), May 8, 2025
- Mentored university teams for national robotics contests.