

Umma Habiba Eti

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EDUCATION

Jahangirnagar University

Bachelor of Science in Computer Science and Engineering (CGPA: 3.89)

Dhaka, Bangladesh

Jan. 2022 – running

Saidpur Govt. Science College

Science (GPA: 5.00/5.00)

Nilphamari, Dhaka

2018 – 2020

Cantt. Public School and College, BUSMS

Science (GPA: 5.00/5.00)

Dinajpur, Bangladesh

2014 – 2018

EXPERIENCE

Executive Member of JU Robotics Club

Jan 2023 - Present

Department of CSE

Jahangirnagar University, Bangladesh

- Implemented Line Following Robot, Robo Soccer, Obstacle Avoiding Robot
- Participated in Robotics competitions held at BUET, IUBAT, CU, CUET and DIU
- Took some managerial responsibilities: Notion maintenance, member recruitment

PROJECTS

Line Following and Obstacle Avoiding Robot | *Arduino, Computational Intelligence*

Jan 2023 – Present

- Designed and developed a microcontroller-based robot capable of autonomously following a line and avoiding obstacles in its path.
- Programmed the robot using Arduino IDE and implemented algorithms for sensor-based navigation and obstacle detection.
- Integrated IR sensors for line detection and ultrasonic sensors for obstacle avoidance, achieving accurate and reliable movement.

Tribute Page | *Web Development* | [Code](#)

July 2024 – Aug 2024

- Designed a tribute page dedicated to Jasim Uddin, incorporating multimedia elements and modern web design principles.

Technical Documentation Page | *Web Development* | [Code](#)

July 2024 – Aug 2024

- Created a technical documentation page with interactive navigation, allowing users to access content efficiently.
- Implemented responsive design principles to ensure usability on various devices and screen sizes.

Product Landing Page | *Web Development* | [Code](#)

July 2024 – Aug 2024

- Built a modern product landing page using HTML, CSS, and JavaScript to showcase a product and improve user engagement.
- Integrated animations and user interactions to create an appealing and functional user interface.

ACHIEVEMENTS

Yearly Merit Stipend from University: Every year

TECHNICAL SKILLS

Languages: C/C++, Java, JavaScript, HTML/CSS, Bootstrap

Developer Tools: Git & Github, VS Code, MySQL Workbench, Arduino, JRC Boards

INTERESTS AND HOBBIES

Interests: Artificial Intelligence, Robotics, Machine learning, Web Development

Hobbies: Hiking, Gardening, Cooking, Watching Movies