



## MD.SAKIBUL ISLAM FAHIM

I am a dedicated and enthusiastic Engineering student, seeking an opportunity in a reputable organization to contribute my skills, enhance my expertise, and support the company's goals.

### SKILLS:

- Proficient in programming languages such as MATLAB and C++.
- Knowledgeable in Electrical Circuit Design and Analysis.
- Network security, Routing and switching protocols and Local area network (LAN) and wide area network (WAN) technologies.
- Experienced in using Microsoft Office applications.
- Strong problem-solving skills and attention to detail.
- Excellent communication skills and ability to work collaboratively in a team.

### PROJECT:

- **Smart door lock system with Face Recognition**

This Raspberry Pi-based smart home security system uses advanced face detection with OpenCV, and the Landmark machine learning algorithm, achieving 90% accuracy, and allows electrical load control via voice commands and text messages. The cost-effective prototype showed reliable performance, indicating potential for reducing home crime.

- **Air pollution detection system using Arduino.**

This project focuses on addressing air pollution in Bangladesh by developing a real-time Arduino-based air quality monitoring system with a low-cost sensor. It provides rapid detection and alerts users to excessive indoor pollution, promoting environmental quality and health protection.

### REFERENCES:

- **DR. MD. SANIAT RAHMAN ZISHAN**  
Associate Professor, Director Faculty of Engineering  
American International University-Bangladesh  
Cell: +8801720191713  
Email: [saniat@aiub.edu](mailto:saniat@aiub.edu)
- **ABU HENA MD. SATHIL**  
Assistant Professor,  
Department of EEE  
American International University-Bangladesh  
Cell: +8801954412032  
Email: [abu.shatil@aiub.edu](mailto:abu.shatil@aiub.edu)

**Address:** House-21, Nikunja-2, Dhaka.

**Contact:** +880 1797338978

**Email:** [sakibulfahim05@gmail.com](mailto:sakibulfahim05@gmail.com)

### ACADEMIC BACKGROUND:

- **MBA In Management Information Systems (On going)**  
American International University-  
Bangladesh  
CGPA: **3.68 out of 4.00**
- **BSc. In Electrical and Electronics Engineering**  
American International University-  
Bangladesh  
CGPA: **3.47 out of 4.00**  
Passing Year: **2023**
- **Higher School Certificate**  
Govt. M.M. College, Jashore  
GPA: **4.58 out of 5.00**  
Passing Year: **2018**
- **Secondary School Certificate**  
Jashore Zilla School, Jashore  
GPA: **5.00 out of 5.00**  
Passing Year: **2016**

### CERTIFICATES:

**Cisco Certified Network Associate**

**AIUB Institute of Continuing Education**

### LANGUAGES:

- Bangla
- English