

Md Sakiluzzaman

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Personal statement

A highly organised and efficient individual, whose thorough and precise approach to projects has yielded excellent results. To build a career in a growing organization, where I can get the opportunities to prove my abilities by accepting challenges, fulfilling the organization goal and climb the career ladder through continuous learning and commitment.

Personal Skills

- 80+ words per minute typing speed.
- Precise 3D Model for Print and Animation.
- Image processing using OpenCV libraries in both Windows, Linux and Raspbian OS.
- Simple and advanced Robot making using Arduino, Raspberry PI and NUC pc.
- Excellent verbal communication skills.
- Proficiency in Blender, After Effects, Premier Pro, Lumion.
- 2D and 3D game development using Unity3D.
- Programming language: java, javascript, php, c#.

Personal Skills

- Teamwork
- Dedicated
- Passionate
- Confidence
- Flexibility
- Problem Solving
- Self-management

Portfolio

Web Applications:

- Basic Ecommerce site with all functionalities.
- Real-time data representation of iot device sensor values with 2d graphs on CMS Dashboard using websockets.

3D Animator:

- Worked as 3D Animator in an Agency with several Television commercials

Show-reel Link: www.bit.ly/sakil-demoreel

Trainer of a Government Game Development Program:

- Worked as a trainer of Capacity Building for Mobile Game Development Program by ICT Division in Several venues over Bangladesh.

Robotics:

a)Communication Team Lead (Mongol-Tori - URC 2017):

- A student build Mars Rover Robot which participated in University Rover Challenge 2017 at The Mars Desert Research Station-MDRS, Hangs Bill ,Utah.

a)Image Processing:

- Basic image processing like face detection, custom object detection, fluid detection etc. is done in both Windows , Linux and Raspbian OS using OpenCV Libraries.

b)Fire Security System:

- A project which is made to detect gas leakage and to turn off gas knob immediately and sent SMS to the particular owner of a house. The components are Arduino Mega, 2*16 LCD Display, Gas Sensor(MQ-9), GSM Shield(SIM800c).

c)Line Follower Robot:

- A line following Robot which is made to participate in different competitions. The Components are Arduino Mega, L29D Motor Driver, Gear Motors , IR Module, Lipo Battery.

d) Wi-Fi Based Communication:

- A Wi-Fi Based communication System is developed to control a 6 wheel robot remotely from base station through point to point communication routers.

e) Raspberry PI Surveillance Camera:

- A fun Camera project is done which can detect motions and take still pictures. The OS is Motion Pie. The components are Raspberry pi B+, Raspberry pi Camera Module, Wi-Fi Dongle.

f) External Room Temperature Meter:

- Using Arduino Mega, 2 LM-35 Sensors and 20*4 LCD Display a external Temperature module is made to monitor Temperature of my living Room.

Education

BRAC University *(January 2015– August 2020)*

Department :CSE

Notre Dame College
(July 2011 – July 2013)

Passed from Science Background with GPA 4.90.

Rajendrapur Cantt. Public School and College
(January 2008 – March 2011)

Passed from Science Background with Golden GPA 5.0.

Hobbies & Interests

I have an interest in Machine Learning. In my spare time I try to develop fun web applications and multiplayer online games like chess, card games etc.