



# MD. IRFAN HOSSAIN

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- [in md-irfan-hossain-25916b141](https://www.linkedin.com/in/md-irfan-hossain-25916b141)
- [Portfolio: md-irfan-hossain.herokuapp.com/](https://md-irfan-hossain.herokuapp.com/)
- [github.com/blackirfan](https://github.com/blackirfan)
- Date of Birth : October 20,1993

## SUMMARY

Experienced in research, data analysis, web scraping, full stack web development use of django framework, Machine learning based AI project, Android app development through python, java and good theoretical knowledge of machine learning concept. Organizing and conducting events, workshops, freelance many project with a vast knowledge of practical work, community engagement & leadership. So far I have worked with many Nationally known company like leads soft , NextTech Limited Games.

Skilled in data analysis and qualitative research, spatial and statistical analysis with computer programming. Having a proficient hand of operating softwares like Arc map, Erdas Imagine, ENVI, SPSS, Geomatica, Advance Microsoft Excel, Android Studio, Adobe Illustrator, MySQL, POSTGRES.SQL.

Strong project management, data analysis and deadline control professional with a Bachelor in Science (B.Sc) in Computer Science & Engineering from Shahjalal University of Science & Technology and also Masters in Science (M.Sc) in Water Resource Development from Bangladesh University of Engineering & Technology.

## COMPUTER SKILLS

- MS Office Package Programme
- Database MYSQL
- Firebase
- Github version control
- ESRI ArcGIS
- Erdas Imagin
- ENVI
- Python
- Android Studio
- Django Framework
- JavaScript
- RStudio
- Java
- QGIS

## ONLINE CERTIFICATE COURSES

- Certification name : Introduction to Sustainability  
Provider: University of Illinois at Urbana-Champaign (coursera)
- Certification name : GIS, Mapping, and Spatial Analysis Capstone.  
Provider: University of Toronto (coursera)
- Certification name : Essential Epidemiologic Tools for Public Health Practice .  
Provider: Johns Hopkins University (coursera)
- Certification name : Programming for Everybody (Getting Started with Python)  
Provider: University of Michigan (coursera)

## WORK EXPERIENCE



**ANDROID Developer**  
1 November, 2019  
- Present

Advance Professional Coaching with Industry Attachment in " Leads soft " and " NextTech " as an android developer.

**Upwork Freelencer**  
Feb , 2019 - present

Freelencing as a Geographic data analyst , web scraper, Researcher , Web Developer .  
reduction and marginalization among vulnerable river basin communities.

**GOVT Funded training**  
jun-dec, 2018

" ICT DIVISION " Mobile game and Application Development  
This is a six-month project-based training course.  
There built one android app name " Geo-Information ".

## EDUCATION



**MSc**  
2019-2020

**BANGLADESH UNIVERSITY OF ENGINEERING & TECHNOLOGY**  
institute of Water & Flood Management  
Cumulative GPA: (Not published yet)

**BSc**  
2014-2018

**SHAHJALAL UNIVERSITY OF SCIENCE AND TECHNOLOGY, SYLHET**  
Department of Computer Science & Engineering  
Cumulative GPA: 2.95

## ONLINE CERTIFICATE COURSES

- Certification name : Python Data Structures  
Provider: University of Michigan (coursera)
- Certification name : Introduction to Google Earth Engine.  
Provider: Udemey
- Certification name : Spatial Data Science and Applications  
Provider: Yonsei University (coursera)
- Certification name : Introduction to GIS Mapping  
Provider: University of Toronto (coursera)

## LANGUAGE

- Bangla
- English
- Sylheti

## WORKSHOP AND TRAINING

### ROBO SUST

Successfully completed a day-long workshop on "Line following robot using micro controller"

### GES

A workshop on how to reuse waste for household activities.

### GIS and Remote sensing

Inclusive workshop on management data & relate with environmental aspect.

## CONTACT

+ 88 01521460307

Present Address :  
House name : Josna Vila, polashi road  
Azimpur, Dhaka.

Permanent Address :  
Bank town, Gabtoli, Narayanganj,  
Dhaka.

## EDUCATION



HIGHER SECONDARY  
SCHOOL CERTIFICATE,  
2012

Birshrestha Munshi Abdur Rouf Public College  
GPA: 5.00 (out of 5.00)

SECONDARY SCHOOL  
CERTIFICATE,  
2010

Dhanmondi Govt. Boys' High School, Dhaka  
GPA: 5.00 (out of 5.00)

## ACCOMPLISHED RESEARCH PROJECTS

Title Use of high accurate Geofence application in Shahjalal University of Science and Technology campus area for visual impaired people.

Title : GIS-Based Analysis of Changing Surface Water in Arial Beel area Using Support Vector Machine (SVM), Decision Tree & Random Forest Technique.

Title : Land cover Change detection using GIS and Remote Sensing Technique in Munshiganj District 1988 to 2018.

Title : Delineation of groundwater potential zones in Narayanganj District using remote sensing techniques .

## DEVELOPMENT PROJECT

- Geo-Information There built one android app name Geo-Information. Which is gps based locational notebook.
- Dandi Online Shop This is Django framework based ecommerce website development for ecommerce purpose.  
Link : <https://dandi-shop-online.herokuapp.com>
- Magnitude Converter This is an android app which provide number conversion services . (deploy it in playstore)

## ACTIVITIES



CAM-SUST

Executive member in Field Education

Green Explore Society  
(SUST)

Volunteer & General Member

Physics Olympiad  
Astronomical Olympiad  
(SUST)

Volunteer & Event Organizer

ROBO - SUST

Volunteer & General Member

## REFERENCES

- Enamul Hasan  
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Department of Computer Science & Engineering  
Shahjalal University of Science and Technology  
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