



MD. IMDADUL HOSSAIN

- titlhossain@gmail.com
- md-irfan-hossain-25916b141
- Portfolio: md-irfan-hossain.herokuapp.com/
- Date of Birth : june 30,1997

SUMMARY

Experienced in research, case study, story & report writing, data analysis, water resource management through Microsoft excel, Microsoft access, Envi, SPSS, GIS and remote sensing expertise. Organizing and conducting events, workshops, stakeholder and partner involvement, rapid integrated emergency assessment, freelance consultancy with a vast knowledge of field work, community engagement & leadership. So far I have worked with many Nationally known organizations like Camsust, Green Explore Society.

Skilled in quantitative 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.

Strong project management, data analysis and pollution control professional with a Bachelor in Science (B.Sc) focused in Geography & Environment, 2nd major 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
- SAS
- SEO
- PHP
- Adobe Illustrator
- Python
- Photoshop
- Wordpress
- JavaScript
- Node.js
- HTML
- CSS

ONLINE CERTIFICATE COURSES

- Certification name : Introduction to HTML5
Provider: University of Michigan
(coursera)
Verify at coursera.org/verify/G2KH9XZ25AK4
- Certification name : Introduction to CSS3
Provider: University of Michigan
(coursera)
Verify at coursera.org/verify/P33WFEXMPTDB
- Certification name : Advanced Styling with Responsive Design
Provider: University of Michigan
(coursera)
Verify at coursera.org/verify/KHNSFKGYBMQY
- Certification name : Interactivity with JavaScript
Provider : University of Michigan
(coursera)
Verify at coursera.org/verify/KBQTZHCKNL37

WORK EXPERIENCE



ANDROID Developer

1 November, 2019
- Present

Advance Professional Coaching with Industry Attachment

in " Leads soft " as an android developer.

Upwork Freelancer

Feb , 2019 - present

Freelancing 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 ".

RESEARCH ASSISTANT

June 2018-
June 2019

Project Title : An analysis of land use and land cover change
of the Padma River and its surrounding area from 1978 to 2018.

SUST Research Center.

EDUCATION



(HON'S)
2019-2023

Adamjee Cantonment College
institute of Economics
Cumulative GPA: (Not published yet)

(SSC)
2013-2015

Kakoli High School & College
Science
Cumulative GPA: 4.67 (out of 5.00)

(HSC)
2015-2017

Govt. Bangla College
Science
Cumulative GPA: 3.75 (out of 5.00)

ONLINE CERTIFICATE COURSES

- Certification name : Python Data Structures
Provider: University of Michigan
(coursera)
- Certification name : Introduction to Google Earth Engine.
Provider: Udemy
- 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
- Arabic

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 .

ACTIVITIES



CAM-SUST

Executive member in Field Education

Green Explore Society (SUST)

Volunteer & General Member

Physics Olympiad

Volunteer & Event Organizer

Astronomical Olympiad (SUST)

ROBO - SUST

Volunteer & General Member

ACHIEVEMENTS AND AWARDS

- 2nd Runner-up, Line flowing robotic contest in CUET
- Poster presentation on Waste Management Social Business, Hault prize ,SUST , 2018.

REFERENCES

- Enamul Hasan
Lecturer
Department of Computer Science &
Engineering
Shahjalal University of Science and Technology
Sylhet-3114, Bangladesh
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- Zia Ahmed
Assistant Professor,
Department of Geography and Environment,
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