

Name & Present Affiliation

S M Injamamul Haque Masum
Information and Communication Engineer
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**Personel Information**

Name : S M Injamamul Haque Masum
Permanent Address : 226, Hospital Road, Fulbaria Bazar, Fulbaria, Mymensingh
Date of Birth : 02/03/1996
Nationality : Bangladeshi
Marital Status : Married
Religion : Islam
Height : 176 cm

Education/Qualifications:

Sl. No.	Name of the Institute	Year	Name of the Degrees/Qualification
01	Fulbaria Pilot High School	2009-2011*	Secondary School Certificate
02	Shahid Syed Nazrul Islam College	2011-2013*	Higher Secondary Certificate
03	Beihang University	2015-2019	Bachelor of Electronics Information Engineering
04	Beihang University	2019-2022	Master of Electronics Information Engineering
05	Beihang University	2024-Continued	PhD Degree conducting in Space Technology Applications (GNSS)

Professional Certifications:

Sl. No.	Name of the Professional Institute	Date Attended	Name of the Certificate
1	Study Mart	2022	Machining Learning
2	Study Mart	2022	Deep Learning

Employment Record/Experience:

Position: Editor and App Developer
Organization: World-Vision Technology Co. Ltd, Beijing, China
Year: 01-04-2019 to 30-11-2019

Responsibilities:

- Led end-to-end development and launch of a new mobile application, overseeing UI/UX design, feature implementation, and backend integration.
- Curated, edited, and optimized multimedia content (articles, videos, and interactive modules) to enhance user engagement and ensure alignment with the app's vision.

- Collaborated with cross-functional teams (designers, engineers, and marketers) to iteratively improve app performance and user experience.

Some Other Activities Link:

Workshops and Training

Activity	Date	Location	Organizer/Host	Key Focus
Space Project Management Short Course	Nov 3–7, 2025	Hangzhou Innovation Institute, Beihang University, China	UNITED NATIONS Office for Outer Space Affairs (UNOOSA)	Intensive training on space project principles, planning, and execution.
GNSS Experiment and Training Workshop	Mar 3 – May 9, 2025 (Approx. 10 weeks)	Beihang University, Hangzhou, China	Beihang University	Practical expertise in GNSS data collection, specialized software operation, and advanced data analysis techniques.
GEO Symposium and ODOK Workshop Volunteer Training	Sep 10, 2024 – Sep 20, 2024	Beihang University Conference Center, China	Beihang University, Hangzhou, China	Mandatory preparatory training for a fixed-post volunteer role at the international symposium.
UN International Workshop on GIS Technology and Application	June 28, 2025	Zhejiang, China	UN China Office, UN Global Geospatial Knowledge Centre, Ministry of Natural Resources (PRC)	Focused on advancing GIS technology, geospatial information management, digital twin applications, and sustainable development.

Conferences

Activity	Date	Location	Organizer/Host	Key Focus
SRI Program Presentation (South Africa Research Initiative)	June 4, 2025	Online (Hosted by South Africa)	SRI Program / Research Initiative	Presentation: A Hybrid CNN-LSTM-Transformer Model for Ocean Wind Speed Prediction Using GNSS-R. Demonstrated expertise in hybrid deep

				learning and GNSS-R applications.
Geospatial Knowledge and Innovation Week (GeoNow) Workshop and Youth Forum	Oct 22–23, 2024	Hangzhu, China	Co-organized by UN-GGKIC, UN-SPDIER, UNESCAP, APSCO, and Regional Centre.	Supported the forum focused on innovative use of geospatial information for disaster risk reduction and resilience.
Technical Exchange on Marine Monitoring	Nov 5, 2025	Hangzhou Innovation Institute, Beihang University, China	Qingdao Haiyan Electronics Co., Ltd.	Technical discussion on data collection platforms, and advanced sensors (Hyperspectral, Polarized Light) for marine environmental monitoring.

Study Tours and Field Visits

Activity	Date	Location	Organizer/Host	Key Focus / Outcome
Field Visit to Commercial Aerospace Companies	Dec 28, 2025	Beijing (Approx. Location)	Prof. Huang	Academic tour visiting leading commercial aerospace firms: Landspace (launch vehicle company) and Cosats (satellite company).
Industry Visit to CHC Navigation	Jan 10, 2025	Shanghai, China	Beihang University, China	Exchange focused on the application and promotion of GNSS/BDS technologies; explored potential thesis topics and industry insights.
Academic Study Tour to Shenzhen	Oct 11–13, 2024	Shenzhen, China	Beihang University, China	Industry site visits, including Han's Laser and BYD; gained insight into high-tech manufacturing and R&D operations.

Engaged in Professional Associations and Publication's:

Publications:

Conference Papers:

1. S M Injamamul Haque Masum, Md. Naim Sheikh, Mim Rahman, "Vehicle re-identification for intelligent transport system using DOLGNet attention model". 2023 8th International Conference on Image, Vision, and Computing, 979-8-3503-3522-4/23/\$31.00 ©2023 IEEE.
2. Mohammad Shohidul Islam, Dongkai Yang, SM Injamamul Haque Masum, Sultana Easmin Siddika, Rodolfo D. Moreno Santillan, "Sea Roughness Trend Measurement using Power Waveforms of GPS Direct and Reflected Signals," Chinese Control Conference, Wuhan, China, 2018. [EI]
3. Mohammad Shohidul Islam, Dongkai Yang, S M Injamamul H. Masum, Rodolfo D. Moreno Santillan, Sultana Easmin Siddika, "Power Waveforms Analysis for Sea State Determination from Direct & Reflected Signals of Beidou MEO Satellite," 2018 the 3rd IEEE International Conference on Cloud Computing and Big Data Analysis, Chengdu, China, 2018. [EI]

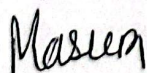
Journal Papers: Papers:

1. Mohammad Shohidul Islam, Sultana Easmin Siddika, SM Injamamul Haque Masum, "Rainfall Prediction in South-Eastern Part of Bangladesh by Linear Regression Method", International Journal of Emerging Research in Management and Technology, Volume 6, Issue 4, April 2017.
2. S M Injamamul Haque Masum, Ahmed Wasu Akande, Yang Dongkai, Mohammad Shohidul Islam, Md Saadman Showmik Alam, Syed Shahid Shah, "A Comprehensive Review of GNSS-R for Ocean Wind Speed Retrieval", IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing (Submitted)

References:

1. Dr. Yang Dongkai
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2. Dr. M. Shohidul Islam
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Bangladesh Space Research and Remote Sensing Organization (SPARRSO) Dhaka, Bangladesh
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I, Undersigned, certify that to the best of my knowledge and belief, these data correctly describe my qualifications, my experiences, and other relevant information about myself.



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