

Curriculum Vitae

Md. Mahedi Hasan

Present & Mailing Address:

House #160/1, Road #2, Shahid Nagar, Lalbagh, Dhaka-1211.

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Research Interest

Computer vision, Image Processing and Pattern Recognition, Machine Learning

Education

M.Sc. in Information and Communication Technology (ICT) (October 2015 - present)

Bangladesh University of Engineering and Technology (BUET), Dhaka

CGPA: 3.58 (out of 4)

B.Sc. in Electrical and Electronic Engineering (EEE) (September 2013)

Khulna University of Engineering & Technology (KUET), Khulna

CGPA: 3.48 (out of 4)

Higher Secondary Certificate (July 2008)

Dhaka Board, GPA: 5.0 (Out of 5)

Engineering University Higher Secondary School & College

Secondary School Certificate (May 2006)

Dhaka Board, GPA: 5.0 (Out of 5)

West End High School

Academic Achievements

B.Sc. Engineering Scholarships: KUET students merit scholarships through four years for academic excellence from the Govt. of the People's Republic of Bangladesh.

Professional Experience

Adjunct Lecturer

Department of Computer Science and Engineering,

Manarat International University (MIU) (May 2016 - present)

Thesis and Projects

Postgraduate Thesis

- ❖ **Title:** Recognizing and Tracking people by their gait signature across multiple non-intersecting surveillance cameras.
Supervisor: Dr. Hosssen Asiful Mustafa
Status: ongoing

Undergraduate Thesis

- ❖ **Title:** Planning and Development of Engineering maintenance module of radiological equipment X-Ray in rural areas of Bangladesh.
Supervisor: Prof. Dr. Mohiuddin Ahmad

Projects

- ❖ **Title:** Development of automated essay scoring
Supervisor: Dr. Hosssen Asiful Mustafa
Report & Code: <https://github.com/Mahedi-61/Essay-Scoring>
- ❖ **Title:** Distributed Password cracking
Supervisor: Dr. Hosssen Asiful Mustafa
Report & Code: <https://github.com/Mahedi-61/Distributed-Password-Cracker>
- ❖ **Title:** File Encryption and Decryption with DES
Supervisor: Dr. Hosssen Asiful Mustafa
Report & Code: <https://github.com/Mahedi-61/File-Encryption-Decryption-with-DES>

Technical Attachments & Tours

Attachments: Three days attachment on Radiological and Cardiologic Medical Imaging Equipment in Khulna Medical College Hospital (KMCH).

Tours:

- ❖ Goalpara Power Station, Khulna.
- ❖ Khulna Power Company Limited (KPCL), Watsila, Khulna
- ❖ Power Grid Company of Bangladesh Ltd. (PGCB), Khulna

Extra-Curricular Activities

- ❖ Associate Editor (March 2015 – present)
Byapon science magazine
Office: 48/1, Motijheel C/A, Dhaka-1000, Bangladesh
Web: www.byapon.com
- ❖ Member at Inter University Tech Fiesta, 2012 Organized by EEE Association, KUET.
- ❖ Volunteer at IEEE Student Professional Awareness Conference (SPAC), 2010 Organized by IEEE Student Branch, KUET.

Technical Skills

Programming Languages:	C, C++, Java, Python
Hardware :	Verilog HDL
Numerical Analysis :	MATLAB
Application Development :	Android
Database :	SQL

Biography

Name :	Md. Mahedi Hasan
Father's Name :	Fariduddin Ahmed
Mother's Name :	Ferdousi Akter
Date of Birth :	30 th October, 1991
Nationality :	Bangladeshi (By Birth)
Present Address :	160/1, Shahid Nagar, Lalbagh, Dhaka-1211.
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References

Prof. Dr. Md. Liakot Ali

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Communication Technology (IICT),
Bangladesh University of Engineering and
Technology (BUET)
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