

Mahmudul Hasan

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Career Objective	Skilled, knowledgeable and qualified computer programming student who can grasp new concepts quickly and efficiently. Trying to stay in a challenging position to utilize my skills and abilities in the area of Teaching and Education that offers professional growth while being resourceful, innovative and flexible.	
Education	Khulna University of Engineering & Technology (KUET), Khulna, Bangladesh Bachelor of Science in Computer Science & Engineering January 2018 - February 2023 CGPA: 3.85 out of 4.00	
	Savar Cantonment Public School And College, Dhaka, Bangladesh Higher Secondary Certificate Science 2017 GPA: 5.00 out of 5.00	
	Joymantop High School, Manikganj, Bangladesh Secondary School Certificate Science 2015 GPA: 5.00 out of 5.00	
Thesis	Aspect Based Sentiment Analysis for Bangla Text Objective: To present three different datasets for aspect based sentiment analysis task on Bangla text and conducts a baseline evaluation with a focus on machine learning model. The system takes text from user as input and extracts aspect opinion term, predicts aspect category and sentiment polarity as output.	
Publication	<ol style="list-style-type: none">M. Mahmudul Hasan, N. H. Shawon and K. M. Azharul Hasan, "Aspect Based Sentiment Detection from Natural Bangla Text," 2023 26th International Conference on Computer and Information Technology (ICCIT), Cox's Bazar, Bangladesh, 2023, pp. 1-6, doi: 10.1109/ICCIT60459.2023.10441643.M. Hasan, S. Das and M. N. T. Akhand, "Estimating Traffic Density on Roads using Convolutional Neural Network with Batch Normalization", 2021 5th International Conference on Electrical Engineering and Information Communication Technology (ICEEICT), 2021, pp. 1-6.Akhand, M.N.T., Das, S., Hasan, M. (2022). "Traffic Density Estimation using Transfer Learning with Pre-trained InceptionResNetV2 Network". In: Skala, V., Singh, T.P., Choudhury, T., Tomar, R., Abul Bashar, M. (eds) Machine Intelligence and Data Science Applications. Lecture Notes on Data Engineering and Communications Technologies, vol 132. Springer, Singapore.	
Experience	Lecturer, Department of Computer Science and Engineering IUBAT - International University of Business Agriculture and Technology May 21, 2023 - Present	
Awards & Scholarships	University Faculty Dean's Award in the Session 2017-2018, 2018-2019, 2019-2020 & 2020-2021.	
	Vocational Scholarship from Khulna University of Engineering & Technology (2019-2023).	
	Talent pool Category scholarship in Secondary School Certificate examination and Junior School Certificate examination.	
Technical Skills	Programming Language:	C, C++, Java, Swift, Python, Assembly
	Mobile Development IDE:	Android Studio, Xcode (iOS)
	Web Based:	PHP, JavaScript, HTML, CSS
	DBMS:	Oracle, MySQL
	Version control:	Git
	Software Packages:	Logisim, CISCO Packet Tracer, ModelSim
	Operating system:	Windows, Ubuntu, macOS
	Frameworks &Libraries:	Tensorflow
	Others:	OpenCV, OpenGL, Visual Studio

Area of Interest	Teaching & Research, Machine Learning, Deep Learning, Artificial Intelligence, Natural Language Processing, Image Processing & Computer Vision, Object Oriented Programming, Computer and Network Security, Graphics Design, Database.
Programming Activities	Codeforces (560+ problems solved): Mahmudul Hasan Munna , Codechef (24 problems solved): munna15 , Uva Online Judge (45+ problems solved): Munna15 , LightOJ (30+ problems solved): Mahmudul Hasan-Munna , LeetCode (29 problems solved): mae ni Participated in Intra KUET Programming Contest, 2019
Projects	Engineering Books Java, Android An android app for engineering book collection. Online Tutor Finder System HTML, CSS, JavaScript, MySQL, PHP A website for finding expected tutor. BayMax Swift, Xcode An iOS app of BMI calculation. Bus Management System C++, OOP A simple project for maintaining the seats and entering a bus. A Railway Station using OpenGL C++, OpenGL A smart railway station for computer graphics project. Find & Shoot Python, Artificial Intelligence A CNN based two player ball shooting game in which shoot down the opponent from the distance and save yourself by not getting shoot. Compiler C++ A simple compiler using flex and bison. Smart Gas Filling Station (Hardware project) C++, Arduino, RFID, Matrix Keypad, LCD Display Hardware project to build a prototype for a smart and automate gas filling station.
Co-curricular Activities	SGIPC - Special Group Interested in Programming Contest <ul style="list-style-type: none">Member (2018-2023) HACK - Hardware Acceleration Club of KUET <ul style="list-style-type: none">Member (2018-2023) Certifications <ul style="list-style-type: none">Volunteer at “BitFest 2019” organized by Dept. of CSE, KUET in 2019.Volunteer at “5th International Conference on Electrical Information and Communication Technology (EICT)” organized by faculty of Electrical and Electronic Engineering, KUET on December 17-19, 2021.
Reference	Dr. K. M. Azharul Hasan Professor, Department of Computer Science and Engineering, Khulna University of Engineering & Technology Khulna 9203, Bangladesh Contact No: +880 1714-087273 E-Mail: az@cse.kuet.ac.bd , azhasan@gmail.com Website: www.kuet.ac.bd/cse/azhasan/ Dr. M. M. A. Hashem Professor, Department of Computer Science and Engineering, Khulna University of Engineering & Technology Khulna 9203, Bangladesh Contact No: +880 1714-003949 E-Mail: mma_hashem@hotmail.com Website: www.kuet.ac.bd/cse/hashem/