

Md. Ahsan Habib

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Career Objective	Seeking a challenging position to utilize my skills and abilities in the area of Teaching and Education that offers a professional growth while being resourceful, innovative and flexible.
Education	Khulna University of Engineering & Technology(KUET), Khulna, Bangladesh B. Sc. in Computer Science and Engineering March 2016 - March 2020 CGPA : 3.91 out of 4.00 (2nd position out of 121)
	Dhap Satgara Model Kamil Madrasah, Rangpur, Bangladesh Higher Secondary Certificate Science 2015 GPA: 5.00 out of 5.00
	Dhap Satgara Model Kamil Madrasah, Rangpur, Bangladesh Secondary School Certificate Science 2013 GPA: 5.00 out of 5.00
Research Work	Physarum Inspired Bicycle Lane Network Design in Congested Mega City Objective: To design a bicycle lane network in a congested mega city like Dhaka and try to reduce different problems like mobility, cost, CO ₂ emission reduction, etc. and make one step forward towards Green city.
Publication	1. Md. Ahsan Habib , Md. Milon Islam, Muhammad Nomani Kabir, Motasim Billah Mredul and Mahmudul Hasan, " Staircase Detection System for Visually Impaired People: A Hybrid Approach, " <i>Revue d'Intelligence Artificielle</i> , Lavoisier, vol. 33, no. 5, pp. 327-334, Oct. 2019. https://doi.org/10.18280/ria.330501 . [Scopus (SJR: 0.12, H Index: 13, Q4), Ei Compendex, dblp]. 2. Md. Nakibul Alam, Md. Milon Islam, Md. Ahsan Habib , Motasim Billah Mredul, " Staircase Detection Systems for the Visually Impaired People: A Review, " <i>International Journal of Computer Science and Information Security</i> , Vol. 16 No. 12, pp. 13-18, 2018. IF: 0.702(2018) (Based on ISI).
Awards & Scholarships	University Faculty Dean's Award in the Session 2015-16, 2016-11, 2017-18 and 2018-19.
	Regional Champion (Khulna) & Global Nominee in NASA SPACE APP CHALLENGE 2019.
	Talent Pool Category Scholarship in HSC (2015).
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 10g, MySQL, SQLite Version control : Git Software Packages : Proteus, CISCO Packet Tracer Operating system : Windows, Ubuntu, iOS Others : OpenCV, OpenGL
Area of Interest	Travelling, Sports, Cycling, Volunteer Work.
Programming Activities	Codeforces - Handle: nayan_082, UVA - Handle: nayan_082, Vjudge – Handle: nayan_082 150+ problem solved Participated in Intra KUET Programming Contest, 2016 & 2019.
Projects	AlarmMe Android, SQLite It's an android application for maintaining the daily class routine of a student.

	Calculator Android It's an android application for addition, subtraction, multiplication and division.
	Compiler C++ A simple compiler project.
	Tic-Tac-Toe iOS An iOS app of a well-known game.
	Web Development Project: KDS (KUET Debating Society) Website PHP, HTML, CSS, JavaScript A website based on the working procedure of a Debating Society.
	BeatMySum Python, Artificial Intelligence A human vs PC card game with minimax and alpha-beta pruning algorithm.
	CarDesign OpenGL, C++ The classic project for computer graphics project.
	Bloodbank Oracle DBMS, PL/SQL Simple Database project based on blood donation organization's workflow.
	Smart Stick (Hardware Project) Raspberry Pi This project is to build a smart stick for visually impaired people that help to detect staircase.
	Co-curricular Activities
	SGIPC - Special Group Interested in Programming Contest <ul style="list-style-type: none"> Member (2015-2019) HACK - Hardware Acceleration Club of KUET <ul style="list-style-type: none"> Vice President (2018-2019) OKS - Organization of KUET Sports <ul style="list-style-type: none"> Executive Member (2018-19) NHSPC - National High School Programming Contest <ul style="list-style-type: none"> Organizer & Student Motivator (2017) Certifications <ul style="list-style-type: none"> Participate in "Intra Department Idea Contest-2016" organized by Dept. of CSE, KUET on 12 November 2016. Participate in "BACS Regional Programming Camp - Khulna Division" organized by Bangladesh Advanced Computing Society held at KUET in 2017. Completion of "iOS Application Development" workshop at Dept. of CSE, KUET, Bangladesh organized by Nascenia IT on April 28-29, 2018. Completion of "Bangla Natural Language Processing with Deep Learning" workshop organized by Dept. of CSE, KUET in 2018. Participate in "Entrepreneurship with IT innovation" organized by Dept. of CSE, KUET on 28 December 2018 and 30 December 2019.
Reference	Dr. Muhammad Aminul Haque Akhand Professor, Department of Computer Science and Engineering Khulna University of Engineering & Technology, Khulna 9203, Bangladesh Email: akhandkuet@yahoo.com, akhand@cse.kuet.ac.bd Contact No: +880-1714087205 Website: www.kuet.ac.bd/cse/akhand/
	Md. Milon Islam Assistant Professor, Department of Computer Science and Engineering Khulna University of Engineering & Technology, Khulna 9203, Bangladesh Email: miloncsekuet@gmail.com, milonislam@cse.kuet.ac.bd Contact No: +880-1714087273 Website: www.kuet.ac.bd/cse/milonislam/