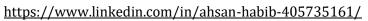
Md. Ahsan Habib

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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 (2 nd 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	Physarum Inspired Bicycle Lane Network Design in Congested Mega City
Work	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, CSSDBMS: 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.

BeatMvSum

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

• Member (2015-2019)

HACK - Hardware Acceleration Club of KUET

• Vice President (2018-2019)

OKS - Organization of KUET Sports

• Executive Member (2018-19)

NHSPC - National High School Programming Contest

Organizer & Student Motivator (2017)

Certifications

- 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

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