

Sonu Kumar Keshari

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EDUCATION

B.Sc(Engineering) in CSE HSTU Dinajpur Bangladesh 3.458 CGPA	2018-2023
+2 Science NEB Pentagon International Higher Secondary School Tinkune Kathmandu 59.60%	2014-2016
10 th SLC Gajendra Narayan Singh Sec School Gaur Rautahat 71.63%	2014

IT SKILLS

- **Programming Languages:** C/C++, java, Python, SQL, HTML, CSS, Javascripts, Machine Learning and Deep Learning
- **Areas of Interests:** Algorithms, Data Structure, Database, Android studio, Web Developer, Graphics Designing
- **Database Knowledge:** SQL, MYSQL, Firebase
- **Tools and IDE knowledge:** CodeBlocks, Neatbeans, Xampp, IntelliJ ideas, Google Colab, Visual Studio code

PUBLISHED AND ACCEPTED PAPER

BERT-Driven Deep Learning Approach for Depression Detection in Social Media Posts.

- Presented on 1st International Conference on Optimization Techniques for Learning (ICOTL 2023) Technically sponsored by IEEE Xplore, India (08 December 2023)
- Published in IEEE xplore and Available On ResearchGate
- **Objective:** To identify the person suffering from depression through the text-based platform

Detecting Depression from Social Media Posts Using Comprehensive Machine Learning Approaches with TF-IDF and N-Grams

- Presented on 2nd International Conference on Big Data, IoT and Machine Learning (BIM 2023), Bangladesh
- Accepted to be published in Taylor and Francis Book.
- **Objective:** To find more accurate and efficient detection of depression from textual data on social media

ACADEMIC PROJECTS

Fee Management System

- Developed a Desktop Application that manage fees of student
- **Technologies Used:** Java (Backend), Java Swing (Frontend), MySQL (Database)

E-Commerce Platform

- Developed an Android Application that used to sell and buy products
- **Technologies Used:** Java (Backend), Android Studio, Firebase (Database)

AWARDS AND ACHIEVEMENTS

- Awarded with Scholarship by Hajee Mohammad Danesh Science and Technology University to pursue B.Sc(Engineering) in CSE.
- Awarded with Merit scholarship by Pentagon International Higher Secondary School to pursue +2 Science

POSITION OF RESPONSIBILITY

- **Director of Logistics, HSTU International Model United Nations 2019 (HSTUIMUN'19)** Promoting Global Partnership Through Youth to Achieve SDGs.
- **Head of Foreign Affairs, HSTU Model United Nations Committee**

2020-2021

CONFERENCES

- 2nd International Conference on Big Data, IoT and Machine Learning (BIM 2023), Dhaka, Bangladesh
- 1st International Conference on Optimization Techniques for Learning (ICOTL 2023) Technically sponsored by IEEE Xplore, India (08 December 2023).