

# Gagan Kumar Soni

Male

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Publon:- [HSE-9934-2023](#)

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## About Me

As a dedicated Computer Science student, my passion for research fuels my drive to explore the limitless possibilities within the field. With a solid foundation in computer science principles, I've already contributed to the academic community with a published Scopus-indexed journal paper. I am currently working in the field of signal processing, contributing to advancements in this dynamic domain. In addition to my academic pursuits, I also possess strong leadership and management skills to navigate challenges and create impact. Eager to continue my journey of learning and innovation, I am excited about the opportunities to shape the future of technology.

## Educational Qualifications

M.Sc.	Computer Science	Department of Computer Science, University of Delhi	7.571/10	2024
B.Sc.(HONS.)	Computer Science	Keshav Mahavidyalaya, University of Delhi	9.284/10	2022
Class XII(PCM)	CBSE	Delhi Public School, Bokaro Steel City	89.4 %	2019

## Publications

Gupta, B., Sharma, R., Bansal, R., **Soni, G. K.**, Negi, P., & Purdhani, P. (2023). An adaptive system for predicting student attentiveness in online classrooms. In Indonesian Journal of Electrical Engineering and Computer Science (Vol. 31, Issue 2, p. 1136). Institute of Advanced Engineering and Science. <https://doi.org/10.11591/ijeecs.v31.i2.pp1136-1146>

## Experience

Asst. Professor (Guest), St. Stephens College	● Assistant Professor (Guest) in St. Stephens College, University of Delhi. ● Subjects taught: Python programming, Data Analysis and Visualization, Digital Empowerment.	JAN, 2025-Present
Asst. Professor (Guest), Kirori Mal College	● Assistant Professor (Guest) in Kirori Mal College, University of Delhi. ● Subjects taught: Python programming, Analytics with Python and Computer Networks.	SEPT, 2024-Present
Data Analyst, Alphextra	● Gathering and examining data in order to find trends and insights. ● Collaborating with knowledgeable experts and benefit from their experience.	FEB, 2024-MAR, 2024
Subject Matter Expert, Chegg Inc.	● Subject Matter expert of computer science (Freelancing). ● Solved 180+ Questions in computer science of International Students.	FEB, 2021-APR, 2023

## Projects

Speech Emotion Recognition	Embark on the project work entitled “ <b>Deep Learning Based Speech Emotion Recognition</b> ”, aiming for a profound understanding of SER techniques. Explore reputable datasets, incorporating an array of pre-processing tasks such as noise removal from audio signals, and implement cutting-edge deep learning networks.
Developer Data Analysis	Performed thorough Data Analysis and Visualization on Developer dataset of stack overflow survey to find out some useful information out of that. Repository Link:- <a href="https://github.com/g-4-gagan/Developer-data-analysis">https://github.com/g-4-gagan/Developer-data-analysis</a>
Spam and Ham detection Using R	Using NLP concepts and the related packages in R, developed a system to detect ham and spam messages as per the dataset. Repository Link:- <a href="https://github.com/g-4-gagan/SpamHamDetectionUsingR">https://github.com/g-4-gagan/SpamHamDetectionUsingR</a>

## Positions of Responsibility

<b>President, DUCSS</b>	●President of Department of Computer Science Society for 2023-24 sessions. ●Responsible for managing any type of student grievances. ●Smoothly conducted multiple events in Department of Computer Science, DU.	2023-24
<b>Technical Head, Enactus KMV</b>	●Managing the technical work of society for 2020-21 sessions. ●Guiding and Heading a team of 5+ members.	2020-21
<b>Event Head, Envision’21</b>	●Event head of Enlighten, an event under Envision’21 organised by ENACTUS KMV. ●Managed the participation of more than 120 teams.	2021
<b>Awards/Titles</b>		
<b>GATE</b>	Qualified GATE-2025 for “ <i>Data Science and Artificial Intelligence (DA)</i> ” and “ <i>Computer Science and Information Technology (CS)</i> ”.	
<b>UGC NET</b>	NET Qualified for Assistant professor Lectureship, June 2024.	
<b>Gem 2022, Comp. Science Dept., KMV</b>	Gem of Computer Science Department (honorary certificate), awarded to only 2 students from specific department at graduation (honours) level.	
<b>Achievements</b>		
●	Secured 3 <sup>rd</sup> in AI Tank, organised by Blitz, Keshav Mahavidyalaya, DU.	2023
●	Secured 3 <sup>rd</sup> in IDEATHON, organised by ENIAC, SRCASW,DU.	2021
●	Secured 3 <sup>rd</sup> in Hack-A-Duck, Team Hackathon organised by Psyberduck, BIT Mesra, Ranchi.	2020
<b>Certifications</b>		
<b>Udemy</b>	Signal Processing (Python) for Neuroscience Practical course.	2025
<b>Dept of CS, Maitreyi College, DU</b>	One-month Online Certificate Course in CYBER SECURITY (30 hours).	2021
<b>Udemy</b>	Android Application Development.	2020
<b>Skills</b>		
<b>Technical</b>	Python, Java, C++, Android Studio, Data Structure, Algorithm, HTML, Css, JS, PHP, Laravel, MySql, Reactjs, Data Analysis and Visualization, Machine Learning, Deep Learning (Intermediate).	
<b>IDE Knowledge</b>	VS Code, Jupyter Notebook, Git, IntelliJ, NetBeans, Android Studio, PostMan	
<b>Languages</b>	Hindi and English.	
<b>Other</b>	Leadership, Team Management, Communication, Mentoring.	
<b>Extra-Curricular Activities</b>		
<b>Table-Tennis</b>	Secured 2 <sup>nd</sup> in the Rotary Table-Tennis Doubles Competition and State level Player.	2017
<b>NCSC</b>	Selected for state level in National Children Science Congress.	2016
<b>Badminton</b>	Secured first in inter-house Badminton double competition.	2014
<b>Hobbies</b>		
<b>Hobby</b>	Coding, Debugging, Travelling, Teaching, Exploring.	
<b>References</b>		
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