

# SIYA GARG

New Delhi, India

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## EDUCATION

<b>Indraprastha Institute of Information Technology (IIITD), Delhi</b> Computer Science and Artificial Intelligence Engineering (CSAI)	2020 - 2024 GPA: 9.29
<b>Bal Bharati Public School, Pitampura</b> Class XII, CBSE	2019 - 2020 Percentage: 98.2%

## SKILLS

**Expertise Area:** Machine Learning, Deep Learning, Generative AI, Data Structures & Algorithm Design, Probability & Statistics, OOPs, Database Management

**Programming Languages:** Python, Java, C++, SQL, Prolog

**Tools and Technologies:** Keras, Tensorflow, PyTorch, NLTK, Hugging Face, OpenCV, NumPy, Pandas, Scikit-learn, Seaborn, SWI Prolog, GitHub, Git, BeautifulSoup

**Technical Electives:** Computer Vision (CV), Natural Language Processing (NLP), Statistical Machine Learning, Artificial Intelligence, Introduction to Intelligent Systems, Signals & Systems, Computer Networks

## EXPERIENCE

Software Engineer Intern, <b>Google India</b> • An integral part of the Google Search team. Working on generating representative labels for recipes using LLMs and internal generative AI tools.	May 2023 – August 2023
STEP Intern, <b>Google India</b> • An integral part of the GPay backend team. Successfully revamped a queue receiver responsible for handling payments from customers to merchants.	May 2022 – July 2022

## PROJECTS

<b>Learning Methods for Visual Wildlife Monitoring</b>   DL, CV, PyTorch • To automate the process of detecting animals in a camera trap image, classifying the animal species it belongs, using the state-of-the-art object detection model YOLOv5. • Improve co-segmentation on extensive wildlife dataset by identifying common regions of interest across multiple animal images.	August 2022 – May 2023
<b>Moo-Sic</b> <a href="#">[Link]</a>   ML, CV, DL • Developed a facial expression detection model for users' mood detection, a song genre classification model, and a recommender model. • Integrated them to create a three-phase pipeline for recommending a personalized song playlist.	August 2022 – December 2022
<b>Study Chum</b> <a href="#">[Link]</a>   Python, Flask, JavaScript, HTML, CSS • Made a web application for online/hybrid learning, which will act as a companion in the form of a chatbot and help users focus and increase their productivity.	March 2022 – April 2022
<b>Will Hero Game Clone</b> <a href="#">[Link]</a>   JavaFX, Java, OOPs • Developed an interactive 2D animated replica of the arcade game 'Will Hero' by ZPlay games.	November 2021 – January 2022

## AWARDS AND ACHIEVEMENTS

- Won **2nd Runners Up** position in Girls Google Hackathon 2022.
- Secured **2nd position** in Anveshan Hackathon conducted by IIIT Delhi.
- Secured **1st Position** in WIEHack 3.0 Hackathon conducted by BVPIEEE.
- Successfully completed Python Foundation with Data Structures and Machine Learning & Data Science courses from Coding Ninjas.