



SAMARJEET SINGH

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Organized and dependable individual Experienced at managing multiple priorities with a positive attitude, superior work ethic and good teamwork. Currently studying Computer engineering and seeking opportunities to expand my skills and gain valuable real-world experience. Willingness to take on added responsibilities to meet team goals




Education

Thapar Institute of Engineering and Technology, Punjab	CGPA: 9.74
Bachelor of Engineering Computer Engineering	Sep. 2021 - Present
Tagore International School, New Delhi	Percentage: 95%
PCMB-CBSE, 12th	2021
Tagore International School, New Delhi	Percentage: 90.4%
CBSE, 10th	2019

Experience

UnsaidTalks UIP Interviewer	Punjab Oct. 2022 - Jan. 2023
<ul style="list-style-type: none">Exhibited strong leadership skills in the management of end-to-end teams and projectsConducted 15+ interviews with seniors to gather placement experiences at diverse companies.Successfully translated collected insights into actionable data for future career decisions.	

Projects / Open-Source

Sign Language Interpreter 	Python, Scikit-learn
<ul style="list-style-type: none">Created a real-time Indian Sign Language (ISL) recognition model using Python, OpenCV, MediaPipe, and scikit-learn.Trained a random forest classifier on a custom dataset of 42 hand landmarks extracted from images of Indian sign language.Developed an accessible user interface displaying predicted sign language words and reference images, facilitating effective communication	
Minecraft Clone 	ReactJs, Three.js
<ul style="list-style-type: none">Deployed a web application inspired by Minecraft, enabling users to build, destroy, and move blocks with five different textures.Implemented efficient movement code and created a dynamic environment, providing an immersive and interactive user experience.Showcased technical skills in web development and game design, demonstrating creativity and ability to deliver engaging projects.	
Windows Automation 	Python, OpenCV
<ul style="list-style-type: none">Designed and implemented a Windows automation script leveraging camera-based finger tracking to enhance accessibility features through the integration of MediaPipe and OpenCV.Designed and implemented functionality for mouse cursor control, brightness adjustment, and volume control on Windows devices, leveraging finger gestures captured by the camera.Contributed to improving accessibility by enabling individuals to interact with their Windows devices through intuitive finger movements, enhancing user control and convenience.	

Skills

Programming Languages:	Python, R, C++, JavaScript, HTML, CSS, SQL
Libraries / Frameworks:	Pandas, sci-kit-learn, Open CV, Pycaret, Seaborn, Django, Node.js, React
Tools / Platforms:	Git, GitHub, VS Code, Visual Studio, Jupyter Notebook
Databases:	PL/SQL, Oracle DB, MongoDB
Relevant Coursework:	Machine Learning, Operating Systems, Database Management, Computer Networks, Object Oriented Programming, Data Structures and Algorithms
Soft Skills:	Teamwork, Agile, Visionary, Versatile, Patience, Critical Thinking, Creativity, Communication

Position of Responsibility

Mentor at IETE	Jan. 2022 - Present
Served as a Mentor at The Institution of Electronics and Telecommunication Engineers, contributed in organising society events and guiding juniors	
Member at Thapar Amateur Astronomers Society	Dec. 2021 - Present
Acted as a member, contributing to various society workshops, events and talks	

Extracurricular Activities & Achievements

- Secured a spot in the Techgig Code Gladiators 2023 - Finale, outperforming 100,000+ competitors.
- Awarded merit scholarship of ₹3,01,800 for Year 2022-23 based on academic performance in college
- Captained Senior Football Team in Zonal level competitions