

18th July 2002

Kirtivardhan Singh

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EDUCATION

GGSSIP University, New Delhi

- Undergraduate- CS (8.5/10 GPA)
- Relevant Coursework: Data Structures, Computer Networks, Machine Learning, Linear Algebra, Calculus, Computer Programming

New Delhi
2019 - 2022

EXPERIENCE

DelloiteUSI

Associate Analyst

Gurugram, Haryana
July 2022 - Present

VIPS- Technical Campus, GGSIP University

Teaching Assistant
TA for Machine Learning 111

New Delhi, Delhi
Feb 2022 - June

INMAS Lab, Defense R&D Organization, Ministry of Defense

Research Intern
Worked on a Research project around EEG & fNIRS and Real-Time Mental State and Stress Estimation on SoC hardware. Responsible for conducting EEG data collection and preprocessing over 85+ people in a VR environment.

New Delhi, Delhi
November 2021 - March 2022

Rabear.io

Founder
Putting efforts to complete the goal of changing the life of 10k unprivileged students across Delhi NCR.

New Delhi, Delhi
September 2020 - Present

Gita Values (NPO)

Full-Stack Web Developer Intern
Developed Website(v1) using HTML, CSS and Javascript. Created a backend system for the registration portal.
Curriculum Developer
Managed teams to address mental health issues in students in Indian subcontinents. Designed modules for students from primary to secondary school for personality development, time management, leadership, and mental stress handling.

Gurugram, Haryana
November 2020 - March 2021

April 2021- Aug 2021

TEDxVIPS

Execution Team Lead & Event Manager
Coordinated the execution of the event. Led the team for production and planning throughout the event to execute the plans efficiently. Overseen the urgent requirements and solutions for upheavals in the flow.

New Delhi, Delhi
January 2021- March 2021

LEADERSHIP & SERVICES

Association for Computer Enthusiasts

President
Executing organizational and departmental procedures, goals, and policies. Organized 25+ talks and two major technical events in three months.
R&D Team Head
Facilitated weekly training sessions focused on Research & Development among students. Responsible for research activities and developing A.I. based solutions. Collaborated with teams from different domains for the Leadership Enhancement Program.
Machine Learning Team Mentor
Trained 3 Teams on biomedical EEG Signal Processing. Lead instructor in Annual A.I. awareness week. Developed an Empathetic bot with the team. Responsible for analyzing project reports for research and mentoring 300+ student
Development Team Member
Coordinated Annual Technical Day 2019 & Code Quest. Performed responsibilities as the Event manager for MLH Localhost on Cloud Computing. Coordinator at HackVSIT 3rd Edition, Responsible for first IoT supplies for Major League Hacking(MLH) in India.

New Delhi, Delhi
July 2021- Present

May 2021- July 2021

November 2020- July 2021

August 2019 - November 2020

National Service Scheme (NSS)

Teaching Volunteer
Taught primary & elementary school children from slums near Delhi. Participated in several cleanliness drives across the National Capital Region.

New Delhi, Delhi
August 2019- Present

SKILLS & Certification

Programming Languages: C/C++, Python, SQL, GNU Octave, HTML, CSS, JS, Java
Technical Skills: Machine Learning, Deep Learning, Natural Language Processing, Database Management
Language: Hindi (Native), English (Fluent), Sanskrit (Elementary)
Certification: Deep Learning Specialization, Reinforcement Learning, Neural Networks and Deep Learning- Andrew Ng

ACHIEVEMENTS

Winner at Ministry of Human Resource & development- KAPILA: Kalam Program for IP Literacy and Awareness
Music: Won 30+ Music Competitions

PROJECTS

- Cognitive Intelligent-Agent Mapping Rover
- Sanskrit Text Converter through Roman Scheme for BG
- ACE Empathetic Bot
- Small Scale Inventory Management System
- Graduate Admission Chatbot
- Target following Car
- Planar data classification with one hidden layer