Kirtivardhan Singh

Gurugram / New Delhi • +91 888 2303 056 • ikirtivardhansingh@gmail.com • ikirtivardhansingh.github.io

EDUCATION

GGSIP University, New Delhi   **New Delhi**
2019 - 2022
- Undergraduate- CS (8.41/10 GPA)
- Relevant Coursework: Data Structures, Data Science, Machine Learning, Calculus, Programming

EXPERIENCE

INMAS Labs, Defense R&D Organization, Ministry of Defense   **New Delhi, Delhi**
Research Intern   *August 2021 – Present*

Currently working on Research project around Real-Time Mental State and Stress Estimation on System on Chip.

Gita Values (NPO)   **Gurugram, Haryana**

Full-Stack Web Developer Intern   *November 2020 - March 2021*

Developed Website(v1). Created backend system for registration portal.

Curriculum Developer   *April 2021- Aug 2021*

Managing teams to address mental health issues in students in Indian subcontinents.

TEDXVIPS   **New Delhi, Delhi**
Execution Team Lead & Event Manager   *January 2021- March 2021*
Coordinated the execution of the event.

LEADERSHIP & SERVICES

Association for Computer Enthusiasts   **New Delhi, Delhi**

President   *July 2021- Present*

Executing organizational and departmental procedures, goals, and policies. Organized 25+ talks and 2 major technical events in three months.

R&D Team Head   *May 2021- July 2021*

Facilitated weekly training sessions focused on Research & Development among students. Responsible for research activities and to develop A.I. based products. Collaborated with teams from different domains for Leadership enhancement Program.

Machine Learning Team Mentor   *November 2020- July 2021*

Trained 5+ Teams on bio-medical EEG Signal Processing. Lead instructor in Annual A.I. awareness week. Developed Empathetic bot with the team. Responsible for analyzing project reports for research and mentoring 300+ student

Programming Team Member   *August 2019 - November 2020*

Coordinated Annual Technical Day Code Quest. Performed responsibilities as Event manager for MLH Localhost on Cloud Computing. Coordinator at HackVSIT 3rd Edition, Responsible for first IoT supplies for Major League Hacking in India.

National Service Scheme (NSS)   **New Delhi, Delhi**

Teaching Volunteer   *August 2019- Present*

Taught children from slums near Delhi. Participated in several cleanliness drive across national capital region.

SKILLS & Certification

Programming Languages: C/C++, Python, SQL, GNU Octave, HTML, CSS, JS, Java
Technical Skills: Machine Learning, Deep Learning, Natural Language Processing, Signal Processing, FLASK, Frontend Web Development, Database Management
Language: Hindi (Native), English (Fluent), Sanskrit (Elementary)
Certification: Deep Learning Specialization, Natural Language Specialization, 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

- Sanskrit-Devanagari Text Generation through Roman Scheme for BG
- ACE Empathetic Bot
- Planar data classification with one hidden layer
- Cat non-cat classifier
- Inventory Management System
- Flying Obj Detector
- Graduate Admission Chatbot