Sarthak Sharma

✉ Email | GitHub | LinkedIn | 📍 Delhi, India

Objective

Highly motivated Computer Science student with a strong focus on Artificial Intelligence. Aiming to leverage technical expertise in machine learning and deep learning to drive innovation and solve complex problems.

Education

Bachelor of Technology, Computer Science (A.I.)
Bennett University, Greater Noida, India 2021 - Present CGPA: 8.7

Experience/Achievements

Spacekayak (Internship) november 2023 - 1 feb Worked on building AI agents for flipkart using L.L.M. models and stable diffusion. Remote job

Global hexon (freelance work) november 2023 - present Worked on building AI agents for global hexon such as stable video diffusion and headshot generation using AI.

WATCHTOWER June 2023 - sep Watchtower was a project that we built as a startup to recognize scam Nfts and also won all india 3rd prize for our project in solana by superteam india. As they also mentioned us on twitter for this amazing project and prize.

Project Team Head
Artificial Intelligence Society, Bennett University Sep 2022- Aug 2023 ● Led various AI projects and initiatives within the society.

Projects/Publications

Ant-Inspired Route Optimization for Last Mile Delivery - ieee
I am one of the authors in publication of this amazing research paper in ieee organization.
- **Tech Stack**: C++, python, Machine learning, Deep learning

Face-recognition and Dataset Creator - GitHub
Engineered a sophisticated facial recognition algorithm capable of identifying and categorizing facial features in real-time, while simultaneously generating a robust dataset for machine learning applications.
- **Tech Stack**: Python, OpenCV, TensorFlow, Neural Networks

Watchtower(a shield against scam NFTs)- website
Architected and developed advanced machine learning solutions for the detection and prevention of scam Non-Fungible Tokens (NFTs). The project focused on achieving high accuracy rates, ensuring real-time detection, and maintaining enterprise-level security for crypto wallets.
- **Tech Stack**: Python, TensorFlow, BERT, CNN, Solana Blockchain, Phantom Wallet, RESTful APIs.

Full Body Recognizer - GitHub
Developed a holistic body recognition system leveraging deep learning algorithms to analyze and interpret human body postures for applications in healthcare and security.
- **Tech Stack**: Python, OpenCV, Deep Learning, Mediapipe, Convolutional Neural Networks

Certificates

Generative AI for Everyone - coursera ● Acquired foundational knowledge in the lifecycle of a generative AI project, from conception to launch, including how to build effective prompts.

AWS Academy Graduate - AWS Academy Machine Learning Foundations - credly ● Completed an intensive course on machine learning fundamentals and AWS cloud services.

Mathematics for Machine Learning: Multivariate Calculus- coursera ● Mastered multivariate calculus techniques applicable to machine learning algorithms.

Mathematics for Machine Learning: Linear Algebra- coursera
- ● Gained expertise in linear algebra concepts crucial for machine learning and data science.

Skills

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

Technologies/Frameworks: DSA, DAA, Machine Learning, Deep Learning, Operating System, Computer Network, RAML,NLP, computer vision

Soft Skills: Problem-Solving, Teamwork, Communication, Leadership, Adaptability, Time Management, Critical Thinking