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Top Skills

AI Agents
Model Building
Research Skills

Languages

Marwari (Full Professional)
English (Full Professional)
Hindi (Full Professional)

Certifications

Generative Adversarial Networks
(GANs)
Fundamentals of Digital Marketing
Andrew Ng Deep Learning
Specialization
Data Analytics
Intermediate Machine Learning

Publications

Exploring the implementation
of a Blockchain-Based Election
Conducting and Management
System (BCECMS) to improve
election security and transparency
Role of AI in developing industries

Aryan Maheshwari

Seeking Summer 2026 Internships | AI Engineer @ USC | MS in
Applied Data Science
Los Angeles, California, United States

Summary

As a highly motivated master's student, I am passionate about all things related to machine learning, computer vision, and natural language processing. Through my coursework and personal projects, I have gained proficiency in programming languages such as Python as well as frameworks like TensorFlow, PyTorch, and OpenCV.

I am deeply fascinated by the power of machine learning, large language models and reinforcement learning as well as their potential to transform industries and change lives. Whether it's developing cutting-edge computer vision systems to aid in medical diagnoses or using natural language processing to improve customer service experiences, I believe that the possibilities are endless.

In addition to my technical skills, I am a team player who thrives in collaborative environments. I enjoy brainstorming ideas, problem-solving with peers, and working together to achieve common goals. I am also a quick learner who is always seeking to expand my knowledge and stay up-to-date with the latest advancements in the field.

I am currently seeking opportunities to apply my skills and knowledge in a dynamic and innovative work environment. If you are interested in learning more about my background and experience, please feel free to reach out to me.

Experience

Convexia (YC S25)
AI Engineer
July 2025 - Present (3 months)
Los Angeles Metropolitan Area

AI Agents for Drug Discovery

USC AutoDrive Lab

Machine Learning Research Engineer

June 2025 - Present (4 months)

Los Angeles, California, United States

Applied AI for Autonomous Driving

University of Southern California

Software Engineer

June 2025 - September 2025 (4 months)

Los Angeles, California, United States

Deep AI Systems for mobile sports games

AGIE AI

Machine Learning Engineer

August 2024 - November 2024 (4 months)

Noida, Uttar Pradesh, India

- Spearheaded the development of a Dialog Flow-based WhatsApp chatbot integrated with Vertex AI, enhancing user interactions.
- Created customized astrology animations using Manim, showcasing mathematical visualization skills tailored to client needs.
- Developed a Proof of Concept leveraging LLMs for semantic similarity scoring, streamlining insights for AI startups through automated data extraction.

K. J. Somaiya Institute of Technology

1 year 1 month

Student Researcher

January 2024 - May 2024 (5 months)

Mumbai, Maharashtra, India

Final Year Engineering Research Thesis

Research Intern

May 2023 - December 2023 (8 months)

Mumbai, Maharashtra, India

Published a comprehensive review documenting and analyzing the impact and utilisation of AI in various industrial applications

Exicom Technologies India Pvt Ltd.

Software Engineering Intern

August 2023 - December 2023 (5 months)

Mumbai, Maharashtra, India

- Developed airborne datalink software modules, achieving a 20% reduction in latency.
- Designed telemetry features for soldier communication systems, increasing data throughput by 15%.
- Automated unit-level test workflows with Python, cutting manual validation time by 40%.

Dawn Digitech

Machine Learning Intern

February 2023 - May 2023 (4 months)

India

Conducted comprehensive research on AI-powered interview systems, analyzing relevant academic papers and open-source projects.

- Implemented data pre-processing techniques, significantly improving the accuracy of sentiment analysis models.
- Developed a sentiment analysis model utilizing BERT and VADER, effectively determining user sentiment polarity.
- Collaborated on various NLP and machine learning tasks, enhancing technical skills in libraries such as TensorFlow and PyTorch.

Yoshops.com

Data Science Intern

November 2022 - January 2023 (3 months)

- Developed deep learning models and scalable machine learning systems to enhance data-driven decision-making.
- Collaborated with team members to gather requirements and improve existing models, ensuring alignment with business objectives.
- Conducted web scraping projects to extract valuable insights, strengthening analytics capabilities across various business areas.

Education

University of Southern California

Master of Science - MS, Applied Data Science · (January 2025 - December 2026)

K. J. Somaiya Institute Of Engineering and Information Technology

Artificial Intelligence and Data Science Hons.Blockchain, Student · (February 2020 - May 2024)

Pace Junior Science College
High School Diploma · (2018 - 2020)

VIBGYOR Group of Schools
10th, ICSE · (2004 - 2018)