

## Contact

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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.

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## 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.

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## 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)