## Contact

ritvik916@gmail.com

www.linkedin.com/in/ritvikg
(LinkedIn)

## Top Skills

Artificial Intelligence (AI)

Full-Stack Development

Human Computer Interaction

## Languages

Hindi (Full Professional)

English (Native or Bilingual)

Kannada (Native or Bilingual)

## Certifications

MTA: Introduction to Programming using Python

Stanford Online - Machine Learning [GNU OCTAVE][MATLAB]

GIAN Course - A Technical Overview on Public and Private Blockchains

Youth Empowerment & Skills Workshop (YES!+)

E&ICT IIT Roorkee: Python for Machine Learning

## Honors-Awards

Best Parliamentarian in Model Parliament

Outstanding delegate

## Publications

Factify 3M : A benchmark for multimodal fact verification with explainability through 5W Question-Answering

# Ritvik G

Graduate Research Assistant @ AI Institute, University of South Carolina
Columbia, South Carolina, United States

## Summary

Grad student majoring in Computer Science with experience in AI research and Full-Stack Development.

Focused on developing real-world, deployable applications that seamlessly integrate AI technologies to improve efficiency and drive innovation.

Feel free to reach out if you're interested in ideation, development or implementation of advanced AI solutions.

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## Experience

**Artificial Intelligence Institute of South Carolina**
Graduate Research Assistant
July 2024 - Present (8 months)
Columbia, South Carolina, United States

**Artificial Intelligence Institute of South Carolina**
1 year 9 months

Research Specialist I
January 2024 - May 2024 (5 months)
Columbia, South Carolina, United States

Research Affiliate
September 2022 - December 2023 (1 year 4 months)
Columbia, South Carolina, United States

**Google**
GDSC Lead : NIT Andhra
July 2022 - June 2023 (1 year)
Tadepalligudem, Andhra Pradesh, India

**Indian Institute of Science (IISc)**

Project Intern
July 2022 - March 2023 (9 months)
Bangalore Urban, Karnataka, India

1. Developed a website for an AI based postural analysis and sport bio-mechanical analysis using MERN stack
2. Built a chatbot with source identification for answering questions on fitness and nutrition with the use of BERT models
3. Advanced a Computer Vision model [MoveNet] for enhanced body posture analysis

## Indian Institute of Technology, Madras
Full Stack Developer
June 2022 - August 2022 (3 months)
Chennai, Tamil Nadu, India

Created of full stack website for Kaatru using MERN stack.
Representation of data on embedded maps for better understanding of weather and road conditions for best route estimation between source and destination.

## IISER Bhopal
Computer Vision Research Engineer
May 2022 - July 2022 (3 months)
Bhopal, Madhya Pradesh, India

Development and testing of various Computer Vision models over images of Smoking and Non-Smoking people.
Optimisation and Creation of CNN models under Computer Vision to differentiate between Smoking and Non-Smoking people.

## NIT, Andhra Pradesh
Full-stack Developer
October 2021 - June 2022 (9 months)
Tadepalligudem, Andhra Pradesh, India

## Deep Element AI
Research And Development Intern
November 2021 - December 2021 (2 months)
Atlanta, Georgia, United States

Worked on the area of search ranking and information retrieval where the aim is to find an optimal way to search and rank web pages of difficult keywords on the web using machine learning and artificial intelligence.

Indian Institute of Technology, Roorkee
Campus Ambassador
October 2020 - March 2021 (6 months)
Roorkee, Uttarakhand, India

Outreached and Campaigned for E-Summit'21 of E&I Cell - IIT Roorkee through LinkedIn and University connections

Certification Link - https://ecertificate.iitr.ac.in/verification/ae3cc131-9863-43ae-a27b-1aeaefe030c6

Tekie
Mentor
October 2020 - March 2021 (6 months)
Delhi, India

Mentored students from grade 6-12 on Python programming language.

Cisco
Full Stack Developer
June 2018 - January 2019 (8 months)
Bengaluru, Karnataka, India

Developed a question bank management system in a team of 6 for my school [Sri Kumaran Children's Home] in collaboration with Cisco's Talent Outreach Program.

Title : Solan
Link : solan.pythonanywhere.com

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## Education

University of South Carolina
Master of Science - MS, Computer Science · (August 2024 - May 2026)

National Institute of Technology, Andhra Pradesh
Bachelor of Technology - BTech, Computer Science & Engineering · (November 2020 - May 2024)

Sri Kumaran Children's Home (SKCH)
High School Diploma, PCM & Computers · (2018 - 2020)

Bangalore International Public School - India

· (2008 - 2018)