

CONTACT

✉ kausik@email.sc.edu

🌐 [kausik-l](#)

in [Kausik Lakkaraju](#)

☎ +1 803 238 0960

SKILLS

Python	3+ yrs
javascript	2+ yrs
Machine Learning / Deep Learning	2+ yrs
Web Development	2+ yrs
Natural Language Processing	1.5+ yrs
Computer Vision	1+ yrs
Linux	1 yr

KAUSIK LAKKARAJU

Doctoral Student - Computer Science & Engineering

EDUCATION

Ph. D. - Computer Science & Engineering
AI Institute, University of South Carolina, SC (USA)

2021 - ongoing

Current Status: Working towards my dissertation.

MS - Computer Science & Engineering
University of South Carolina - Columbia, SC (USA)

2019 - 2021

Passed with **3.87 CGPA**.

B.E. - Electronics and Communication Engineering
Osmania University - Hyderabad, Telangana (India)

2015 - 2019

Passed with **76%**. Major project was 'Multiple color line follower with obstacle detection'.

WORK EXPERIENCE

Intern
ECIL, Hyderabad (India)

May 18 - June 18

I worked on a project called 'Home-based automation system using GSM module'.

Teaching Assistant
UofSC, Columbia (SC)

Jan 20 - Apr 20

Worked as a lab monitor in Front-end development, and Python labs. Helped students in solving their assignment problems.

Graduate Research Assistant
UofSC, Columbia (SC)

May 20 - Present

Worked on full-stack web development for an year. I have been working in the AI domain since December, 2020.

PUBLICATIONS

ALLURE: A Multi-Modal Guided Environment for Helping Children Learn to Solve a Rubik's Cube with Automatic Solving and Interactive Explanations
AAAI 2022

2022

Status: Accepted and Published

Why is my System Biased?: Rating of AI Systems Through a Causal Lens
AIES 2022

2022

Status: Accepted and Published

ACHIEVEMENTS

Student Abstract Presentation at the AIES conference

University of Oxford, 2022

Received a scholarship to present my research work at the AIES conference which was held at the University of Oxford, UK.

Innovation Think Tank (ITT) Certification

1st prize, 2021

Certificate issued by ITT for coming up with the most innovative idea in the healthcare sector.

Innovation Think Tank (ITT) Certification

1st prize, 2022

Certificate issued by ITT for coming up with the most innovative idea in the healthcare sector.

Build Basic GANs

2021

Certificate issued by Coursera to prove basic understanding of basic GANs.

Python for DataScience

2020

Certificate issued by IBM.

Data-Based Insights for the Masses: Scaling Natural Language Querying to Middleware Data DASFAA 2022

Status: Accepted and Published

A Rich Recipe Representation as Plan to Support Expressive Multi Modal Queries on Recipe Content and Preparation Process KEPS 2022

Status: Accepted and Published

Explainable Pathfinding for Inscrutable Planners with Inductive Logic Programming XAIP 2022

Status: Accepted and Published

PROJECTS

Chatbot using Deep Reinforcement Learning Tools: NLP, Deep RL, Pytorch.

Built a chatbot using Self-Critical Sequence Training (SCST).

Indian Sign Language Recognition using OpenCV Tools: Neural networks, OpenCV.

Built a computer vision model which could recognize Indian sign language in real-time.

Covid-19 Tracker Tools: ReactJs Library, Javascript

Built a reactJS based web application which gives different live statistics on Covid-19.

VOLUNTEERING

AI for Credible Elections: A NeurIPS Workshop Volunteer

Indian Student Organization Public Relations Coordinator

Indian Student Organization Vice-President

Indian Student Organization President

2022

2022

2022

2020

2020

2020

Dec 2021

Aug 20 - Jul 21

Aug 21

Sep 21 - Present