





Samridhi Iyer

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Profile

I am an AI & Machine Learning enthusiast with a passion for research, holding exceptional communication and extroversion skills to work in organizations that are engaged in products and services in the technology and digital space.

Education

MANIPAL UNIVERSITY JAIPUR

BTech in Computers and Communication Engineering

July 2019- May 2023

Specialization in Computational Intelligence *CGPA: 8.8 (till 7th SEM)*

Relevant Coursework: Big Data Analytics, Machine Learning, Computer Vision, Data Structures, Linear Algebra, Discrete Mathematics.

DELHI PUBLIC SCHOOL, NOIDA

Science with Economics, *Percentage: 85%*

March 2017- May 2018

Skills & Certificates

Technical: Python, Python for AI, SQL, Java, C, C++. **Operating Systems:** Windows 8-11, MAC OS X and Linux.

Non-Technical: Public Speaking, Team Management, Content Writing, Academic Writing, Information Research Analysis.

Relevant Certifications: Deep Learning A-ZTM (Udemy), Stanford Code In Place, Data Structures for Python, Machine Learning A-Z, and Big Data.

Experience and Projects

IIT HYDERABAD

Artificial Intelligence and Emerging Technologies Specialization Course

July – December 2022

- Selected and awarded scholarship, it was a 6 month long rigorous specialization course taught weekly with live interactive classes from distinguished IITH faculty.
- Relevant coursework: Math for AI, Python for AI and ML. Lectures on IoT, Blockchain, Quantum Computing.
- Extensive assessments throughout the duration, with a 2 week long Project Bootcamp at the IIT Hyderabad Campus. Received the class highest in $\frac{2}{3}$ of the exams held for the course.

IIT HYDERABAD

News Recommendation System using Natural Language Processing and Deep Learning

December 2022

- Collected current news articles from around the world by creating Spyder Crawlers on Python and coding NewsAPI on Google Colab.
- Used BERT Model that comes under NLP to create a pooled output and then pass it directly into a popular clustering algorithm called K-means to provide a list of articles based on the user's article history.
- Main motivation behind this project was to be able to explore fields of data scraping, natural language processing and deep learning models.

MANIPAL UNIVERSITY JAIPUR

Deep Learning Ensemble techniques in Medical Imaging

March – May 2022

- Led and executed entirely solo, the project explores the main Deep Learning Techniques as it covers applications, comparison of various models, its framework and analysis.
- Accomplished a successful transfer learning model, and used multiple networks like ResNet, VGG16 and MobileNet on a 3000+ dataset of brain MRI's to classify them on the basis of severity.

CLOUDQA, USA

Intern

March – Nov 2022

- Focused on building a better brand for this automation testing company through detailed pieces on their testing services. Provided advice on how to reach potential clients through emails.
- Examined and surveyed immediate competitors and curated detailed pieces on how to advertise the company's expertise and service to readers who might be potential clients.
- Shaped and integrated abstract concepts offered by the CEO and designed content according to their visions.

Extracurriculars

Organizer in Requiem (one of India's biggest Battle of Bands), E-Conclave and MUJMUN 7.0.

Member of ACM, IEEE, and WIE. Other hobbies: Avid reading, mindfulness, debating, public speaking and theater.