

Yash Tripathi

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Results-driven final year Computer Science undergraduate with Deep interest in Machine Learning and industry-relevant programming skills who likes to take initiative and seek out new challenges.



ACADEMIC QUALIFICATIONS

Vellore Institute of Technology, Chennai Bachelor of Technology - Computer Science Engineering with Specialization in Artificial Intelligence and Machine Learning (8.53 CGPA)	2019-2023
Ryan International School, Delhi. 12 th CBSE Board	2018-2019
Ryan International School, Delhi 10 th CBSE Board	2016-2017

WORK EXPERIENCE

Intern - IBM Cognitive Computing	MAR 2022 – SEP 2022
<ul style="list-style-type: none">Developed an NLP Classifier using Watson technologies.Worked on text based data for multi class classification with sentiment analysis.Working with web scraping technologies and analysing the data using different techniques.Technology Stack – Python, Watson Studio.	
Software Development Intern – Mental Health Foundation India	JAN 2020 – MAY 2020
<ul style="list-style-type: none">Developed a Mental Health Assessment tool in collaboration with professors at AIIMS Delhi.Created the Backend and managed all the data related to suggestions and user answers by providing them with the suitable responses.The tool assesses the mental health of the user and curates the best suggestions possible for a better lifestyle.Technology Stack - Flutter, Flask, MongoDB, Firebase.	

PROJECTS

Fake News Detection
<ul style="list-style-type: none">Created a Web Application using Python Flask which used the twitter User Id entered to generate a report on the person's tweets likelihood of being fake.Created the python backend for the same and implemented the models created using Custom word embeddings.Technology Stack – Python, Flask, Tensorflow, Keras, HTML, CSS, Twitter API.
Taalika – Multi-purpose Organiser
<ul style="list-style-type: none">Using React Native created a Student Assistant Application which would help students track their life.Developed the task manager module and managed the application UI for the project.Technology Stack – React Native, JavaScript.
Video based Neural Style Transfer
<ul style="list-style-type: none">This application allows the user to provide a target video and a style image which will allow the application to transfer the style of the image to the video and convert it using a pre-trained machine Learning Model.Technology Stack - Python(Keras, CV2)

TECHNICAL SKILLS

- Problem Solving, Research, Object-Oriented Programming.
- Programming Languages:** Python, Java, C, C++.
- Frameworks:** TensorFlow, Keras, OpenCV, NumPy, Pandas, SKLearn, Flask, Tensorflow-RL, Stable Baselines 3, NLTK, OpenAI-Gym, spacy, Wireshark, Cisco Packet Tracer.
- Software:** Microsoft Word, Microsoft Excel, GitHub, Linux based systems.

ACHIEVEMENTS

- Featured in AIIMS Delhi on the World Mental Health Day developing the mental health assessment tool.

ADDITIONAL INFORMATION

- Position of Responsibility**
 - Project Head/Core Member – NSS Vit Chennai:* Managed the Youth Parliament committee as its head and organised, managed and Regulate its affairs. I enable people who have issues communicating to have a platform to speak on relevant Current Affair topics and polish their speaking skills along with their knowledge regarding the current affairs.
 - Web Dev Team – Google Student Developer Club:* As a member of the club I am responsible to propose new project ideas and .
- Strengths**
 - Innovative, Curious, Rational Thinker.