

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 (8.52 CGPA)

2019-2023

Ryan International School, Delhi.

12th CBSE Board

2018-2019

Ryan International School, Delhi

10th CBSE Board

2016-2017

WORK EXPERIENCE

Intern - IBM Cognitive Computing

MAR 2022 – SEP 2022

- 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

MAY 2021 – JUL 2021

- 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

- 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

- 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

- 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.