Aakarsh Yadav

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Objective

To work in an organization which provides me ample opportunities to enhance my skills and gain first-hand industry experience about the responsibilities and requirements of the company. Being adaptable and a quick learner, I wish to develop a more rounded skill-set and thus ensure you of my professional and personal growth because I have what it takes to forge a successful path for both the company and my future.

Academic Details

Course	Degree	Institute	Score	Year
B. Tech	Electrical Engineering	Manipal University Jaipur	8.33/10	2021
CLASS XII	CBSE	Kendriya Vidyalaya No.1 AFA, Hyderabad	75.40%	2016
CLASS X	CBSE	Kendriya Vidyalaya No.2 TBM, Chennai	9.4/10	2014

Skills

Technical Skills: Data Analytics, Data Science, Python, Machine Learning, MySQL, Data Structures, C, Power Systems, MATLAB, Microsoft Office, G Suite, Tableau, Docker, Sklearn, GitHub,
Familiar with: Kubeflow, C++, OOPS, Neural Network, TensorFlow, Creme
Soft Skills: Operations, Teamwork, Communication, Leadership

Work Experience

❖ **Data Science and Analytics Intern** – Bangalore, India — May 2021 – July 2021
  - Developed end-to-end recommendation engine
  - Implemented LightFM model to develop a recommendation system
  - Steered the team to prepare data and performed analysis on in-house IDE
  - Engineered a way to prevent monotonous recommends
  - Launched modular scripts using Docker and Kubeflow

❖ **Data Science and NLP Research Intern, ISRO** – Hyderabad, India — May 2021 – July 2021
  - Explored various methods to extract insights from scientific literature
  - Developed highly customizable data pre-processing pipelines for text
  - Evaluated model accuracy using supervised and unsupervised learning techniques
  - Designed novel approach to gain insights and evaluate the results

❖ **NLP Intern, Spotle.AI** – Remote — May 2020 – June 2020
  - Headed NLP work flow for sentimental analysis
  - Utilized data visualization techniques to gain insights in the data
  - Awarded "Best Intern" award for the accurate and effective presentation

❖ **Machine Learning Intern, Kyrion Technologies** – New Delhi, India — May 2018 – July 2018

Projects

❖ **Developed end-to-end recommendation engine**
Critically reviewed the previous work and attempted to bring novel methods to achieve hyper personalization in an online marketplace.

❖ **NLP for Scientific Literature**
Analysed previous implementation of NLP for Scientific literature and assembled novel methodology to improve time taken to analyse literature.

❖ **Ham or Spam for text messages**
Analysed text data to create a classification model to identify spam messages.

❖ **Face-Mask detection**
Developed computer vision practice project to determine whether a person is wearing a mask or not.

❖ **Data Visualization of Covid-19 S. Korea (Kaggle)**
Contributed to the ongoing Kaggle volunteer competition to find patterns in the spread of covid-19 virus.

Certifications

❖ **IBM Data Science Specialization** — July 2019 – Mar 2020
❖ **Convolution Neural Network in TensorFlow** — May 2020 – June 2020
❖ **IBM Data Analytics with Python** — Feb 2019 – Mar 2019

Volunteer Experience

❖ Blood Donation Camp'19, Manipal University Jaipur – Organizing Committee (Promotions)
❖ YouTube fest Manipal University Jaipur'18 - Core Committee (Hospitality)