TANISH VERMA
DATA SCIENCE ENTHUSIAST

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About Me

I am a young progressive enthusiast always looking forward to run that extra mile to get the job done. Always open to new challenges, I aim at learning something new everyday to be an asset for the organisation I would work for.

Technical Skills

Languages: Python, HTML, CSS, SQL
Libraries: Pandas, numpy, seaborn, matplotlib, NLTK.
Framework: Django
Platforms: Unix/ Linux, Windows
Tools and Technologies: MySQL, MATLAB/ Octave, Git, Kaggle

Courses (MOOC)

- Data Visualisation - Kaggle
- Python for Everybody - University of Michigan
- Python Data Structure - University of Michigan
- Machine Learning - Stanford University (Pursuing)
- Data Science - IBM (Pursuing)

Accomplishments

- Graduated with Honour and Distinction and achieved many medals in athletics
- Organised Model United Nations in SelaQui International School known as QMUN in the year 2016. Also, led the event as Secretary General

Interests

- Horse Riding
- Rubik's Cube Solving
- Listening to old Songs

Volunteer Work

- Teaching the underprivileged children in rural area
- Volunteered for the cleanliness drive, also spread awareness about cleanliness

Education

NIIT University   6.49 CGPA
Bachelor of Technology in Computer Science and Engineering with specialisation in Data Science, to be completed in 2021.

SelaQui International School, Dehradun
Class 10th - 8.4 CGPA
Class 12th - 76%

Work

ADMISSION SUPPORT INTERN
NIIT | New Delhi | 24th May 2019 - 30th July 2019

Analysed data across hundreds of student records to find out the most likely fit for targeting in admission campaigns, including primary and secondary market research.

EXPERT SOLUTION PROVIDER
Chegg India | January 2020 to March 2020

- Provided real time solutions for the questions asked on various computer science topics.

Projects

RESEARCH AND DEVELOPMENT (JAN 2020 - PRESENT)
Development of Cellular based UAV Security System

- Researched on how UAV works and communicates and how GPS functions along with cellular network and identified the potential threats to this technology. Explored the challenges to this emerging technology.
- Classified UAV on different parameters, studied applications of the Cellular UAVs. Studied the AI solutions to the issues.

CAPSTONE PROJECT
Chatbot as a Plugin

- Trained the chat bot using Dialogflow and integrated it with custom UI with the help of node.js and designed the chatbot using HTML CSS and Javascript and running the chatbot using Google Cloud. It can easily be integrated to any website.

WEBSITE
Static website for an e-waste company

- Used the Django framework, created a static user-friendly website for the e-waste company which helped the company create it's presence on the internet.

DASHBOARD
COVID-19 Dashboard

- Using Python and Flask Framework, designed the dashboard which plots various graphs to observe the trend of the active cases in a region.