ANSHUMAN SINGH

A self motivated student with passion to learn new things, Machine Learning and Deep Learning enthusiast.

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in anshuman-singh-a6801a16b ○ Anshuman-37 GeekForGeeks handle - Anshuman$_3$7

EDUCATION

M.Sc. Machine Learning in Sciences
University of Nottingham
📅 September 2021 - present 📍 Nottingham,UK

B.Tech, Computer Science & Engineering
Guru Tegh Bahadur Institute of Technology
📅 July/2017 - August 2021 📍 Delhi, India
- Percentage 84.5 C.G.P.A. - 8.45 out of 10

Higher Education/A levels
Lancer's Convent
📅 May 2005 - May 2017 📍 Delhi, India
- C.B.S.E-82.40% (12th Standard)
- C.B.S.E-83.60% (10th Standard)

WORK EXPERIENCE

Software Engineering Intern
Center for Railway Information System
📅 June 2019 -Aug 2019 📍 Delhi, India
- We developed a software in JSP inculcating Jquery and Python to make a decentralised rake management system to optimise the operating cost and maximising the profit

ACHIEVEMENTS

🏆 **Graduate Aptitude Test in Engineering 2021**
Achieved 93 Percentile with a score of 437

🏆 **Strong Problem Solving Ability**
Solved More than 300 coding questions on Geeks for Geeks

🏆 **Competitive Coding**
Google HashCode 2020,2021 (Participated)

🏆 **Smart India Hackathon**
Attended the Smart India Hackathon, and reached to the Indian finals for the ISRO problem statement and finished as the first runner up all over India among 200,000 participants.

INTERESTS

Deep Learning Astrophysics Tennis Working out
Augmented Reality Virtual Reality Gaming

SOFT SKILLS & STRENGTHS

Agile Quick Learner Team Work
Communication Extrovert Leadership qualities
Knowledge Sharing
Team Management

SKILLS

C++ Python Java Data Structure and Algorithms
Data Analysis Data Visualization Machine Learning
Natural Language Processing Keras Tensorflow
Pytorch Deep Learning MySQL Linux SqLite
Flask Streamlit Github Android Studio

PROJECTS

AutoTracker
- A location tracking android application to track friends/family using SMS code

Mp3 Player
- A local Mp3 player using created using android studio to understand the use of sqlite.

Creating LR using L2 regularisation from scratch -
- Implemented Logistic loss and L2 regularisation on data and then compared the results with the inbuilt Sklearn library of the Linear Regression and the intercepts of weight vectors and the bias and plotted the loss regarding training data and test data.

Automatic Cat Feeder
- Using Firebase, Yolo and CNN created a script to automated the process of feeding a specific cat

IMBD Sentiment Analysis
- Used LSTM's to classify whether a movie review is positive or negative

Web app to predict UBER demand in NYC
- Used stream lit to create a web app and used data stored in AWS server to plot the prediction bar graph and giving the demand of taxi at a certain time of day

Web app for amazon food review
- Created a web app to predict the nature of amazon food reviews, and categorizing them as positive or negative and representing them in a form of Web API and deploying the model on AWS server

LANGUAGES

English
Hindi
Punjabi