

# Himanshu Parashar

## Software Engineer

Solution-oriented Computer Science and Engineering student with 2+ years of hands-on experience in Data Science and Machine Learning and web dev 2+ years of overall coding experience. Adept at motivating self and others, efficient at working in a team. Passionate about Software Development associated with Data Science and constantly keeping in touch with the new and upcoming algorithms.

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## EDUCATION

**B.tech in Computer Science Engineering**  
Maharaja Agrasen Institute Technology/ Delhi  
08/2019 - Present 8.4/10 CGPA

## WORK EXPERIENCE

**Research Intern**  
LearnByResearch  
03/2022 - Present Remote  
*Achievements/Tasks*

- Wrote a Research Paper on the topic Application of Machine Learning in pharma industry; specifically, in Drug Formulation
- This included understanding what type of ML algorithm must be used and find better alternatives if possible.

**Software Developer Intern**  
Accenture Developer Program  
06/2021 - 07/2021 Remote  
*Achievements/Tasks*

- **Debugging** backend code and applying client **preferences**
- Learned how Accenture work **virtually**
- Advise customer about or perform maintenance of **software** system.
- Modify existing software to **correct errors**, adapt it to new **hardware**, or upgrade interfaces and improve performance.

**Machine Learning Intern**  
The Spark Foundation  
04/2021 - 06/2021 remote  
*Achievements/Tasks*

- Demonstrate **database** technical functionality, such as performance, **security** and **reliability**.
- Design database applications, such as interfaces, data transfer mechanisms, **global temporary tables**, **data partitions**, and **function-based indexes** to enable efficient access of the generic database structure.
- Develop **data models** for applications, **metadata tables**, views or related database structures.
- Develop database **architectural strategies** at the **modeling**, **design** and implementation stages to address business or industry requirement
- Applying data structure and algorithm to improve the **complexity**

## SKILLS

HTML CSS Javascript ReactJS  
Django SQL Data Science  
Machine learning git & github  
Operating System Linux  
ComputerNetworking GCP Python C++  
Data Structure & Algorithms

## PERSONAL PROJECTS

**Graphical Password Authenticator**  
(03/2022 - Present)

- I worked on frontend area, creating a simple interface by using react
- This project not only helps consumers but also companies for the data protection of their clients.
- I also work on some backend part of this project using django and REST API

**Fake News Detection** (08/2021 - 09/2021)

- Create a pipeline to remove stop-words, perform tokenization and padding.
- Understand the theory and intuition behind Recurrent Neural Networks and LSTM
- Train the deep learning model and assess its performance

**Exploratory Data Analysis- TERRORISM**  
(04/2021 - 06/2021)

- As per the security /defence, try to find out the hot zone of terrorism.
- We have checked all the issues and insight you can drive out by EDA.
- Tools I have used are python visualisation library and Google Data Studio.

## CERTIFICATES

**Machine Learning** (06/2020 - 09/2020)  
*Completed Specialization in Machine Learning*

**Python for Data Science** (02/2021 - 03/2021)

## LANGUAGES

English Full Professional Proficiency Hindi Full Professional Proficiency

## INTERESTS

Programming Reading Exercise