

HIMANSHU PARASHAR

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PROFESSIONAL SUMMARY

Solution oriented Computer Science and Engineering student with 2+ years of hands-on experience in Data Science and Machine Learning and 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.

INTERNSHIPS

Accenture Developer Program	Software Develop Intern(virtual)	june '21 – july'21 (2 Months)
<ul style="list-style-type: none">• 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.• Analyze information to determine, recommend, and plan the installation of a new system or modification of an existing system.• Train users to use new or modified equipment.		
The Spark Foundation	Machine Learning Intern	April'21– June '21 (2 Months)
<ul style="list-style-type: none">• 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		

ACADEMICS

Qualification	Institute	University	Year	% / CGPA
BTech (CSE)	Maharaja Agrasen Institute Technology, Delhi	GGSIU	2023	8.2/10 (Till 3 th Semester)

PROJECTS

Sign Language Live Predict	Python
<ul style="list-style-type: none">• Developed a Hand-Gesture Recognition Model that converts American Sign Language to English text, per video-frame• Deployed the strategy using PyTorch which would convert ASL to English, Live, with a test-accuracy of 96.6 percent	
Dropy	Python, C#
<ul style="list-style-type: none">• Designed a scaled-down flight simulation, inspired by Microsoft's AirSim for the training of Reinforcement Learning Models• The simulation is equipped with a multiple-flight support in the same world interacting all together with separable interfaces• Developed and deployed an API on PyPI to control the flight(s) on the simulation parallelly, using multiple flight support	
COVID-19 Crowd Control	Python
<ul style="list-style-type: none">• Developed an algorithm over an Object-Detection model to invigilate the streets for violations of the norms of Social Distancing• Submit project deliverables, ensuring adherence to quality standards.	

ACHIEVEMENTS AND CERTIFICATES

• Virtual internship in goldman Sachs , KPMG , JPMorgan Chase	June-july(21)
• Google Cloud Facilitator program winner 2021	April, 2021
• Microsoft Azure Developer League 2021	May, 2021
• Google Codejam 2021 cleared 3 rounds	February, 2021
• Incubate hackathons finalist	june, 2021
• Gremlin certified chaos engineering practitioner	July, 2021
• Machine Learning Specialisation, University Of Washington	Sept, 2020
• Google Crash Course On Python	Sept, 2020
• AWS fundamental	august, 2020

TECHNICAL SKILLS & HOBBIES

Data Science Frameworks: Tensorflow, PyTorch, Keras, FastAI, Scikit-Learn, Pandas, NumPy, Matplotlib
Classical Machine Learning: Hands-on experience of Regression, Classification and Clustering Algorithms
Data Management: RDBMS, Mining, Cleaning, Preprocessing, Augmentation, Web-Scraping