



Jatin Sehgal

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I am a Technology Enthusiast with interest in Software Development and Machine Learning algorithms.

EDUCATION

DEGREE	INSTITUTION	BOARD	PASS YEAR	CGPA/ %
B. Tech. (Electrical)	National Institute of Technology, Kurukshetra	NIT KKR	2021	8.6173/10
Senior Secondary	SMJ School, Kurukshetra	CBSE	2016	80.6%
Matriculate	PMP School, Kurukshetra	CBSE	2014	9.4/10

TECHNICAL SKILLS

Languages	C, C++, Python, SQL
Python Libraries	NumPy, Pandas, Matplotlib, seaborn, folium, Scikit-Learn, BeautifulSoup, Selenium
Tools/Platform	GitHub, Watson, Jupyter, Django-REST API, Anaconda (Spyder), PyCharm, Google Colab, Octave
Use cases	Web Application Development (Django-Rest API), Web Scrapping, Machine Learning Techniques, Data Science Process

WORK EXPERIENCE

<ul style="list-style-type: none">• Data and Research Intern, LUMENCI• Processing and Management of Patent litigation Data, Docket Outlook Automation using Python• Web Scrapping using Python, Selenium, Beautiful Soup	Jan 2020 – July 2020
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PROJECTS

<ul style="list-style-type: none">• Docket Outlook Automation• Built on Outlook MAPI's, PySimGUI, Tkinter, Openpyxl, Pandas in Python• Ideation and implementation of a UI incorporated Application which provides automated excel out of lengthy email (10000 words) which includes all the docket updates related to Patent Litigation Cases• Without manual action, option to select keywords csv file in which we are interested Debugged to a version with no instability issues	Automation of the Year Award
<ul style="list-style-type: none">• Iris Flower Dataset• Using Support Vector Machines• Applied grid search for hyperparameter tuning• Classified a given Iris into 3 species based on 4 features: length and width of sepals and petals	Achieved F1 score of 0.96,0.97,0.99 for different species

CERTIFICATED COURSES

<ul style="list-style-type: none">• Machine Learning by Stanford-Coursera 100% in all external programming assignments	<ul style="list-style-type: none">• Data Structures and Algorithms by Coding Blocks Maintained 1st rank among 80 students
<ul style="list-style-type: none">• Data Science Prof. 9 Courses by IBM-Coursera	<ul style="list-style-type: none">• Git/Git-Hub by Google Coursera
<ul style="list-style-type: none">• Data Science with Python by University of California San Diego-EDX	<ul style="list-style-type: none">• Deep Learning Specialization by Deeplearning.ai-Coursera

EXTRA-CURRICULAR

Position of Responsibilities	Personal Interests / Achievements
<ul style="list-style-type: none">• Educational Tour Coordinator Coordinated with Prof. Amit, Prof. MPR Prasad	<ul style="list-style-type: none">• 1st Prize Espirit-De-Corpz• 1st Prize Ekanki
<ul style="list-style-type: none">• Organized Soft Skills workshop with Prof. Shahida	<ul style="list-style-type: none">• Top 5 Contestants Maruti Talent Hunt
<ul style="list-style-type: none">• Presented HLAD Club for Orientation 18 and 19	<ul style="list-style-type: none">• Photography