

RAJAT MITTAL (2020PCT0066)

ACADEMIC QUALIFICATIONS

Year	Degree	Institute/University	Percentage/GPA
2020-Present	M.Tech. (Computer Technology)	Indian Institute of Technology Jammu	9.5/10
2016-2020	B.Tech. (Computer Science & Engineering)	JK Institute of Applied Physics & Technology, University of Allahabad	74.47%
2015	Class XII	Bhartiya Sr Sec School Sikar	94.60% (100%PCM)
2013	Class X	Bhartiya Sr Sec School Sikar	92.50%

SKILLS AND ACADEMIC DISTINCTIONS

Skills	<ul style="list-style-type: none"> Languages: C/C++, Python 3 Databases/Query Languages: SQL Platforms: Linux, Windows. Misc: GitHub, <i>LaTeX</i>
Scholastic Achievements	<ul style="list-style-type: none"> 100% PCM Marks <i>in</i> Class XII Examinations- 2015. Also secured 1st Rank in whole Rajasthan in PCM. 15th District Merit in RBSE – State Board in class 10th in Sikar, Rajasthan district. Qualified GATE-20 (CS/IT) with 93.17 percentile among 97481 students. Qualified JEE-Main 2015 with AIR 22636 among 1.8 Million students. Qualified JEE-Main 2016 with AIR 28351 among 1.6 Million students.
Interest Areas	<ul style="list-style-type: none"> Programming in C++/ Python3, Algorithms, Data Structures, Machine Learning Competitive Programming

PROJECTS

<p>E-Yantra'18 Robotics Competition IIT Bombay</p> <p><i>Sept 2018 – Feb 2019</i></p>	<ul style="list-style-type: none"> Participated in E-yantra Robotics Competition 2018 (organized by IIT Bombay) and eliminated in the pre-final round after clearing five competition stages. Theme – Mocking Bot Topic - Prediction of Notes and Instrument in a given Audio file Used SVM classifier to detect the instrument being played in an audio file, along with all the notes and frequencies present in the audio file. Further, this was extended to make a robotic system that would mimic the audio, based on the results given by the classifier. Tools and Technologies Used: Sklearn, NumPy, Pandas, Wave, Struct.
<p>Covid 19 Tracker</p> <p><i>Mar 2020</i></p>	<ul style="list-style-type: none"> A live COVID –19 world tracker of Confirmed Cases, Active cases, All Deaths, New Deaths, Total Recoveries, etc., was there in the project. Hosted on the Python cloud platform: - https://rajatenzyme.pythonanywhere.com/ Tools and Technologies Used: - Python3, Django Framework, Pythonanywhere cloud
<p>Student login status by scanning ID – Email alert</p> <p><i>Nov 2020</i></p>	<ul style="list-style-type: none"> This project aims to predict hand-written digits via scanning from a MATLAB android app using camera, record them, and send them over to the ThingSpeak cloud platform. After sending the digit/id to the cloud, it will map to the particular id of a student and send a detailed email to the host about the timestamp of joining by a student. Tools and Technologies Used: - ThingSpeak cloud, MATLAB – Android Hardware Simulink, Computer Vision ToolBox, Statistics and Machine Learning Toolbox, Android Studio version 4.0.2

TRAININGS

<p>Internshala</p> <p>Summer Training</p> <p><i>Jun 2018</i></p>	<ul style="list-style-type: none"> An Online certified summer Training of Python at Internshala platform and scored 88% in their final exam. Studied Basics of Python, Data Structures, OOPs, GUI & various applications.
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POSITIONS OF RESPONSIBILITIES	
Research Assistant <i>Feb 2021 - Present</i>	<ul style="list-style-type: none"> Working in Central Computing and Communication Infrastructure (C3I), IIT Jammu. Managing High-Performance Computing System at Agastya- IIT Jammu
Coding Club - JKIAPT	<ul style="list-style-type: none"> A core member of Coding Club – Codician at JK Institute, University of Allahabad Hosted various coding contests on HackerEarth for junior students of the college.
Annual Fest Team Captain	<ul style="list-style-type: none"> Captain of team '<i>Lannisters</i>' at Annual Fest 'Avirbhav' of JK Institute. Managed several events in Fest in different fields like technical, sports, cultural etc. Volunteered team of around 40+ students.
EXTRACURRICULAR & ACHIEVEMENTS	
Achievements	<ul style="list-style-type: none"> Qualified Google Code Jam 2020 Qualification round 2020. Participated in CodeVita VII and secured 3168th position out of 89962 participants all over the world. Participated in SnackDown 2019 and reached to Pre-elimination round. Active user on HackerEarth (solved around 350 problems) Active user on Codechef (Highest rating is 1663)
Extra-Curricular	<ul style="list-style-type: none"> Linguistic Proficiency: English, Hindi (Native) Playing Badminton & Table-Tennis.
CONNECT ME ON	
LINKEDIN	<ul style="list-style-type: none"> https://www.linkedin.com/in/rajatenzyme
GITHUB	<ul style="list-style-type: none"> https://www.github.com/rajatenzyme
PORTFOLIO	<ul style="list-style-type: none"> https://rajatenzyme.github.io/