



Rajat Mittal

Roll No.: 2020PCT0066

M.Tech - Computer Technology

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
M.Tech. (CT)	Indian Institute of Technology, Jammu	9.03 (Current)	2020-Present
B.Tech. (CSE)	University of Allahabad	74.47 %	2016-2020
Senior Secondary	Bhartiya Sr Sec School, Sikar	94.60%	2015
Secondary	Bhartiya Sr Sec School, Sikar	92.50%	2013

EXPERIENCE

- Baker Hughes, a GE Company** Dec 2021 – Feb 2022
Engineering & Technology Intern Bangalore, IN
 - Reduced manual efforts of complaints classification for departments by 85 % using NLP and ML predictions.
 - Extracted data using SQL queries to understand the type of issues resolved by departments to route the future requests to that department.
- Ericsson Global (R & D) GAIA** Jul 2021 – Dec 2021
Data Scientist Intern Bangalore, IN
 - Reduced time and human efforts by 200 times by automating the detection of faults in Cell Towers.
 - Implemented a research paper called NO TEARS on the company's telecom dataset to achieve the same.
- IIT Jammu** Jammu
Research Assistant Sep 2020 – Present
 - Managing High-Performance computing system, Big Data Cloud services at Agastya Center.
 - Tested HPC on multiple programming languages and developed automated scripts for dependencies installation.

PROJECTS

- Mocking Bot** E-Yantra, IIT Bombay
Python, Machine Learning, Sklearn, NumPy, Pandas, Wave [Link 1](#) [2](#)
 - Developed a prediction tool of audio notes and instruments from a given audio file.
 - Extended it to make a hardware robotic system that mimics the audio provided by the classifier's results.
- Weather Forecasting System** Asst. Prof. Badri Subudhi, IIT Jammu
Python, Machine Learning, Numpy, Pandas, Sklearn
 - Deployed IoT sensors for temperature, humidity, soil moisture, air quality index and deflection with the main network gateway node.
 - Predicted weather and landslides in the hilly areas of campus using data collected by nodes.

TECHNICAL SKILLS

- Programming & Query Languages:** C, C++ , Python, Javascript, HTML, CSS, SQL
- Tools & OS:** Git, Jupyter Notebook, Google Colab, Linux, Windows
- Libraries/Frameworks:** Pandas, Numpy, scikit-learn, SciPy, Weka, PyTorch, Matplotlib, Seaborn
- Miscellaneous:** Data Structures and Algorithms, Object-Oriented Programming, Competitive Programming

POSITIONS OF RESPONSIBILITY

- Training & Placement Coordinator:** Career & Development Services, IIT Jammu 2021- Present
- Coding Club:** Founding member of Coding Club – Codician at CSE Department (UG) 2018-2020

ACHIEVEMENTS

- 1000+ Problems solved on different coding platforms like [Leetcode](#), [Hackerearth](#), [GFG](#), [Codechef](#) etc.
- Topper of M.Tech. Computer Technology at IIT Jammu for four consecutive semesters.
- Scored 100% PCM (Physics, Chemistry, Maths) Marks in 12th board Examinations.
- 15th District Merit and 31st in whole Rajasthan State in 10th Standard.
- Received an HP laptop for exceptional performance in High School Examinations.