Preksha Rastogi

Education

2019-2024(ongoing)	**Bachelor of Engineering, Computer Science and M.Sc Mathematics**, *BITS Pilani Hyderabad Campus, CGPA - 8.58.* **Minor in Data Science**
2018-2019	**Class 12th|Computer Science**, *Delhi Public School Noida, Percentage - 97.2 percent .*
2016-2017	**Class 10th**, *Delhi Public School Noida, CGPA - 10 .*

Courses, Certifications,Interests

- Data structures and Algorithms,Object Oriented Programming,Database Management Systems,Operating Systems,Computer Architecture
- Fundamentals of Data Science,Machine Learning,Natural Language Processing
- Linear Algebra,Probability and statistics,Applied Stochastic Processes,Applied Statistical Methods, Optimization, Operation Research, Graph and Networks.Discrete Maths,Cryptography,Non-Linear Optimization,Mathematical Modelling
- Volunteer -NSS,SOS Children's Villages India

Projects

- Technical Projects(Web applications using SpringBoot for Parking Management and Movies and TV show recommendations,Restaurant Queuing System management)
- Matlab Projects(Various Numerical methods and approximations to find solutions to IVP's and BVP's, DEGRA protocol simulation)
- Study Projects on Queuing Theory and Algebraic Structures
- Study Project on Generating synthetic code-switched data using GANs (Experimented on whether deliberate masking can aid the models like BERT in learning code-switching patterns and making correct predictions)

Skills

Softwares:	MATLAB,Flask framework, Excel/Office
Languages:	C,C ++,Java,Python,SQL
General:	problem solving,logical reasoning, analytical skills,written and verbal communication skills

Experience

Internship:	LnT(Web-Development)-worked on the CloudEnsure web-app	*(May 2021- July 2021)*
Teaching Assistant:	For the online course Linear Algebra and Optimization on Coursera.	*(Jan 2023- June 2023)*

✆ *(91)-9599914805* • ✉ *f20191373@hyderabad.bits − pilani.ac.in*