Mehul Agrawal

Birla Institute of Technology and Science, Pilani, Hyderabad Campus, India

📱 +91 9411339963 • ✉ f20170054@hyderabad.bits-pilani.ac.in

EDUCATION

BITS Pilani Hyderabad Campus	*Jul 2017 - Present*
B.E. (Hons.) in Computer Science	*7.667*/10*
Doon International School	*May 2017*
Higher Secondary (CBSE 12th)	*93.2%*
Summer Valley School	*May 2015*
High School (ICSE 10th)	*96.4%*

KEY PROJECTS

Movie Database Portal — *Mar 2019 - Present*
- Creating a web based movie database portal using Apache, MySQl and PHP
- Implementing features like customized homepages, past and upcoming Movies/TV-Shows listings, news/trivia and top lists
- Adding functionality like befriending people and following celebrities to make a social network for movie lovers

Clustering using Partitioning and Hierarchical methods — *Mar 2019 - Present*
- Performing clustering on Vertebrate DNA Sequences
- Implementing from scratch in Python, K-Means and hierarchical clustering with agglomerative and divisive approaches using different types of linkages

Association Rule Mining using Apriori and FP-Growth — *Feb 2019*
- Implemented Apriori and FP-Growth algorithms from scratch in Python
- Generated frequent item-sets and association rules for different values of support and confidence for both algorithms on a grocery transaction data-set

Hotel Booking Portal — *Nov 2018*
- Created a complete Hotel Booking Portal using Java and MySQL
- Used Swing for frontend
- Features include creating users, searching hotels, modifying/cancelling bookings and wait-listing.

SKILLS

- Proficient in Python, Java, C/C++, SQL, HTML/CSS
- Familiar with AutoCAD

ACHIEVEMENTS

- 99.4 percentile (AIR 7194) in Joint Entrance Examination - Main
- 359/450 in BITSAT. Among the top ~2700 students in the country
- School rank 1 in National Science Olympiad (Class 12th) Stage 1 and qualified for stage 2

EXTRACURRICULAR

- **Sangeet Prabhakar in Tabla** from Prayag Sangeet Samiti, Allahabad. (6 year course equivalent to Bachelor of Music). Also started **www.TaalGyan.com** as an online resource to learn classical music and tabla.
- Member of Swaranjali (Classical Music Society of BPHC)
- Enthusiast at ELAS (English Language and Activities Society of BPHC)