

Mini Project Topics for BTech(Computer Science and Technology) – 3rd Sem Students

Note1: Choose any one topic

Note2: Contact the Resource Person only if you need advice on things like dataset, suitable tools etc.

Resource persons will NOT advice you in any way in the coding/implementation part. Mini Project is purely a self-study and self-implementation topic.

SI No 1-4, Resource Person: Deepak Uniyal
1. Sentiment analysis - For this project you should be able to extract twitter data on your own using twitter public api and then apply variety of techniques for detecting sentiments or emotions for a tweet. If you are more ambitious try to create a web application which tells the sentiment of a tweet.
2. Text classification - For this project you should take out some data and create a classifier for that which can assign some labels to each input. Hint - Classify emails, if it is spam or not based upon its content.
3. Automatic text generation - This is a way of predicting upcoming text in sentences with the help of Natural Language Processing techniques and different learning techniques available in artificial intelligence. Some well-known examples are the autocompleting feature of Gmail, Google search engine, mobile keypad, etc.
4. Fake News Detection - In this project you need to take out some news data and then use various features to predict whether this piece of news item is fake or not. This project topic is very interesting and much needed in this era of social media when many fake news are floating throughout the Internet.
SI No 5-8, Resource Person: Garima Sharma
5. Web Based Blood Donation Portal exclusively for Graphic Era Fraternity (To be Available and Accessed by all the members)
6. Web Based Cab Pooling System exclusively for Graphic Era Fraternity (To be Available and Accessed by all the members)
7. Web Based Old Books Sharing System exclusively for Graphic Era Fraternity (To be Available and Accessed by all the members)
8. Web Based Class Assignment Checking System exclusively for Graphic Era Fraternity (To be Available and Accessed by all the members)
SI No 9-13, Resource Person: Manish Sharma
9. Native Mobile Application Development
10. Data Science (twitter, Reddit, YouTube Data Analysis)
11. Data Science (Prediction and Recommendation)
12. Data Science (Time Series Analysis)
13. Web Application Development