Swapnil **MANE**

Doctoral PMRF Research Scholar | Indian Institutes of Technology Jodhpur

@ mane.1@iitj.ac.in % swapnilsmane.github.io/
⚲ Department of Computer Science and Engineering, Indian Institute of Technology Jodhpur, 342037
ℹ Current CGPA: 8.60

I am working in the research group SoNAA: Social Network Analysis and Application, led by Dr. Suman Kundu at IITJ. Currently pursuing doctoral research to detect, analyze and tackle cyber-aggressive behavior on Indian social media

🖥 PROJECTS

- *Multilingual ngram-based convolutional network for aspect category detection in online reviews*
  `Multilingual Reviews` `Aspect Category` ☋ ☐ Jan 2022 - Apr 2022

- *Knowledge Distillation: Aggression Detection Using Mini BERT*
  `Aggression Detection` `BERT` `NLP` ☋ ☐ Jan 2022 - Apr 2022

- *KnowldgeNet Relationship Classification Using a Pre-trained Model*
  `Relationship Classification` `Entity` `NLP` ☋ ☐ Jan 2022 - Apr 2022

- *Analysis of Author's Abusive Behaviour Community on Twitter*
  `Author Profiling` `Abusive Speech` `SNA` ☋ ☐ Aug 2021 - Nov 2021

- *Contextual Journal Recommendation and Query Search Engine Using Word Embedding*
  `Context Vector` `Recommendation` `NLP` ☋ ☐ Aug 2021 - Oct 2021

- *Polarity based Sarcasm Detection using Semigraph*
  `Sarcasm Detection` `Semigraph` `NLP` ☋ ☐ Aug 2020 - Mar 2021

- *Thematic context vector association based on event uncertainty for twitter*
  `Context Vector` `Twitter` `NLP` ☋ ☐ Jul 2020 - Aug 2020

- *Effective Feature Extraction for Intrusion Detection System using Non-negative Matrix Factorization and Univariate analysis*
  `Effective Feature extraction` `IDS` ☋ ☐ Jul 2020 - Nov 2020

📖 JOURNALS AND CONFERENCES

2024 You are what your feeds make you: A study of user aggressive behavior on Twitter, *Communicated in Applied Intelligence*.

2023 A Survey on Online User Aggression: Content Detection and Behavioural Analysis on Social Media Platforms, *Communicated in ACM CSUR*.

2023 Thematic context vector association based on event uncertainty for Twitter, *NICEDT Conference*.

2021 Researchers eye-view of sarcasm detection in social media textual content, *ICCAE Conference*.

2021 Effective feature extraction for intrusion detection systems using non-negative matrix factorization and univariate analysis, *SACAIM Conference*.

🎓 CERTIFICATIONS

2021 Applied Natural Language Processing, **NPTEL**

2021 Deep Learning, **NPTEL**

2018 Data Science Professional, **Coursera**

2018 NLP - Natural Language Processing with Python, **Udemy**

2018 Python for Data Science and Machine Learning Bootcamp, **Udemy**

2018 Prepare Manuscript, **Elsevier**

2018 Python (Basic), **HackerRank**

2018 Data Science using Python, **MITU Skillologies**

2018 Programming, Data Structure And Algorithms Using Python, **NPTEL**

❝ REFERENCES

- Dr. Suman Kundu, Assistant Professor, CSE, IIT Jodhpur @ suman@iitj.ac.in
- Dr. Rajesh Sharma, Associate Professor, CSE, University of Tartu, Estonia @ rajesh.sharma@ut.ee
- Dr. Lipika Dey, Chief scientist, TCS Research and Innovation @ lipikadey@gmail.com

🎓 EDUCATION

M.Tech - Computer Engineering

College Of Engineering, Pune (COEP).

📅 2019 – 2021   ℹ CGPA: 8.60

B.Tech - Computer Science and Engineering

Rajarambapu Institute of Technology (RIT), Islampur.

📅 2015 – 2019   ℹ CGPA: 7.22

💼 EXPERIENCE

Indian Institute of Technology, Jodhpur

Teaching Assistant

📅 August 2021 – Present

Keydabra Inc.

Data Scientist Engineer, Atlanta, U.S.

📅 April 2021 – July 2021

College of Engineering, Pune

Teaching Assistant

📅 August 2019 – July 2021

OneDot Enterprises Private Limited

Data Science Intern

📅 June 2020 – August 2020

🏆 AWARDS AND RECOGNITIONS

2023 **Outstanding TA Award**
CSE Department, IITJ

2019 **Excellence Award**
CSE Department, RIT among 120 students

2019 **Best Student of the Year Award**
RIT among 1000 students

2018 **First in coding competition**
CODE-IT, PVPIT

2018 **Best Drama Director Award**
Purushottam Karandak Kolhapur division, maharashtra

🎓 ACTIVITIES AND MEMBERSHIPS

2022 Member of Institution of Engineering and Technology (IET) Pune.

2021 Talk on "Basics of Machine Learning" Pimpri Chinchwad Polytechnic College Pune.

2019 Student cultural representative Rajarambapu Institute of Technology Islampur.

2020 Member of Indian Society for Technical Education (ISTE) Pune.