SAI CHETHAN REDDY

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EDUCATION

Master of Science in Computer Science, University of Texas at Dallas — Expected 2023
Relevant Coursework: Database Design, Big Data, Natural Language Processing, and Machine Learning.

Bachelor of Technology in Computer Science, Indian Institute of Information Technology — 2017 - 2021

SKILLS

Technical Skills	Python, C/C++, SQL, Object-Oriented Design, Programming
Frameworks	Tensorflow, Keras, Sklearn, Git, Linux

EXPERIENCE

Summer Internship Jan 2021 - July 2021
BITS Pilani

- Designed an attention-based ranking scheme for selecting important and informative sentences.
- Improved ROUGE scores by 9% by integrating a relevance-based algorithm for the diversity
- Detailed ablation study and data analysis of our works is published in IJCNN (2021) conference

Student Software Developer May 2020 - Dec 2020
AI-NLP-ML Lab

- Developed systems for the CL-SciSumm, LongSumm, LaySumm tasks of SDP workshop at **EMNLP**
- Attained the best performance on community summaries on Task 2 of CL-SciSumm

Summer Internship May 2019 - Aug 2019
IIT Patna

- Designed a Large-scale Multimodal NER system using tweets, hypertext, and images.
- Achieved 12% improvement in F1 score using character level hand-crafted features.

PROJECTS

Identifying Mental Health Disorders(2021) Curated a large-scale dataset consisting of dyadic conversations for multiple mental illnesses between users. Designed a dual attention network modelling conversations.

Sarcasm Detection (2020): Investigated sarcasm detection in different semantic spaces, on different publicly available datasets like The Onion and Reddit.

Clinical Trial Summarization (2020) Implemented a Multi objective optimization for Extractive summarization on clinical trial dataset .

EXTRA-CURRICULAR ACTIVITIES AND AWARDS

- **Fellowship:** Received the Jonsson School Graduate Study Scholarship.
- **Workshop Chair:** Coordinated the SDPRA workshop as the Lead organizer at 25th PAKDD 2021.
- **Travel Grant:** Received an invitation and travel grant to attend the TensorFlow Dev Summit.
- **Instructor:** Teaching Assistant(TA) for intro to programming and web development sessions.
- **Leadership:** Google Developer Student Club Founder & President.