Bhagalpur
Bihar 813210

Saichethan M. Reddy

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Employment

Lead	Google Developer Student Club	August 2019 – May 2020

- Club founder, started with 2 others, now consists of more than 90 active members. Promotes and helps in building more secure and accessible web.
- Built website of the club and optimized code which made 75% faster rendering and performance of webpages.
- Our team made it to top 20 teams from all over India in SV.co 2018 challenge(School of Innovation India from Facebook)

Winter Research Intern	IIT Patna	December 2019 – January 2020

- Developed a meta-heuristic evolutionary algorithm based Multi-view clustering framework (MV-M-SDS) considering syntactic and semantic views.
- Achieved higher performance than any existing unsupervised systems for scientific document summarization.

Summer Research Intern	IIT Patna	May 2019 – August 2019

- Worked on developing a Multi-Modal Named Entity Recognization (NER)system, which uses both Visual features and textual (word-level & character level) embeddings.
- Experimented using different attention mechanism for creating better shared space of images and words.

Education

Bihar	IIIT Bhagalpur	August 2017 – May 2021

- B.Tech in Computer Science and Engineering.
- Teaching Assitant(TA) for machine learning and web development workshops.
- Undergraduate Coursework: Artificial Intelligence; Machine Learning; Operating Systems; Software Engineering; Databases; Computer Architecture; Algorithms;

Technical Experience

Projects

- **Clinical Trial Summarization** (2020). Novel Multi objective optimization based Extractive summarization on clinical trial dataset.
- **End-to-end Sequence Labeling** (2019). Using Bi-directional LSTM-CNNs-CRF based architecture for Named Entity Recognition in Tweets.
- **Student Leave management System** (2019). Created a portal for online leave management as part of software engineering coursework

Additional Experience and Awards

- **Bertelsmann Data Science Scholarship 2019:** Selected for second phase of scholarship out of 15,000 participants worldwide after successfully completing challenge course, and placed in Business Analyst track.
- **Google India Challenge Scholarship 2018:** After successfully completing challenge got selected for second stage 1 in 350 out of 10,000 people in challenge course.
- **PinkRoses:** Started an online breast cancer awareness campaign, where people can learn about breast cancer, prevention and diagnosis.
- **Travel Grant:** Recieved an invitation and travel grant to attend the TensorFlow Dev Summit.

Languages and Technologies

- Keras; Tensorflow; Sklearn; Python; C++; C; SQL; JavaScript;
- GitHub; Data Analysis; Web Development; Structured Data; AMP;