SAICHETHAN M. REDDY

https://saichethan.github.io/

(+91)9182520998 ⋄ saichethanreddymiriyala@gmail.com

EDUCATION

Indian Institute of Information Technology, Bhagalpur *August 2017 - Present*
Junior Undergraduate Overall GPA: 8/10
Department of Computer Science and Engineering

TECHNICAL STRENGTHS

Pytorch, Keras, Python, Kotlin, C++/C, Data Analysis, JavaScript

EXPERIENCE

AI-NLP-ML Lab, IIT Patna May 2019 - August 2019
Summer Research Intern

· Developed Multi Modal Named Entity Recognition (NER), in social media posts which uses both visual features and textual features (word level & character level) embeddings for better NER accuracy.
· Experimented using different attention mechanism for creating better shared space of images and words.

PROJECTS

End to End Named Entity Recognition model June 2019 - July 2019
NER on Social media posts

· Built an End to End Named Entity Recognition model for tweets, which takes both word level and character level features to identify the entities in the tweet.
· Achieved greater accuracy than other model like lample et al 2016, Huang, Xu, and Yu 2015(BiLSTM +CRF) which uses word level features.

DG IIIT - Campus Club January 2018 - April 2018
Google DSC Club

· Built website of the campus club and optimized the code which made 75 percent faster rendering rate and improved performance of web pages.
· Added structured data to enhance search results and web presence, used accelerated mobile pages(AMP) for better performances.

PUBLICATIONS

Saichethan Reddy, Improving Visual Search Results, International Journal of Computer Science and Engineering, Vol.6, Issue.12, pp. 170-172, 2018

RELEVANT COURSES

Core Courses	**Other Courses**
Artificial Intelligence (ongoing)	Probability and Random Process
Software Engineering (ongoing)	Discrete Mathematics
Operating Systems	Computer Organization
Database Management System	Calculus & Linear Algebra
Design and Analysis of Algorithms	Data Structures