Anirudh Dahiya

BTech in CS , MS by Research in Computational Linguistics, IIIT-H
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Areas of Interest : *NLP, Machine Learning, Deep Learning, AI, Digital Humanities, Data Mining*

EXPERIENCE

Naver Labs Europe, Grenoble, France- *Research Intern*

SEPTEMBER 2019 - FEBRUARY 2020

Part of the NLP Research group, currently involved in approaches towards transfer learning beyond large scale language models.

Siemens R&D, Bangalore, India - *Research Intern*

MAY 2019 - JULY 2019

Part of the Advanced Data Management Research Group, explored state of the art approaches towards neural QA on Entity Graphs from text.

IIIT Hyderabad - *Teaching Assistant*, *NLP'17, NLP Applications'19*

AUGUST 2017 - DECEMBER 2017, JANUARY 2019 - MAY 2019

Mentor student projects. Conduct doubt sessions. Evaluate answer scripts and coding assignments.

FlyDubai - *Booking Chatbot Intern*

JUNE 2017 - AUGUST 2017

Developed a flight searching and booking chabot framework from scratch. Developed in-house user intent prediction and entity extraction techniques.

Google Summer of Code - *Student Software Developer*

MAY 2016 - AUGUST 2016

Developed asynchronous and distributed, message queue based email archiving system.

PROJECTS

Summarization as Pretraining Objective

Currently involved in the empirically study into how Summarization performs as a pretraning task, in contrast with large scale Language Models like BERT.

MS Research Project : Exploring Pretraining Methods for Multi-Objective Codemixed NLP (Ongoing)

Research into how recent unsupervised pretraining can be used with multiobjective joint learning for improving state of art in resource scarce

EDUCATION

IIIT Hyderabad
BTech CS + MS By Research in Computational Linguistics
7.63/10.0

Modern Delhi Public School
Class 12, 92.8%

Delhi Public School, Faridabad
Class 10th, CGPA 10/10

SKILLS

NLP, Deep Learning, Machine Learning, IR
Python, C/C++, BASH, Matlab
NLTK, PyTorch, Tensorflow/Keras, Scikit
OSX, GNU Linux, Windows
HTML, CSS, JS, Django, Message Queues
MySQL, Tkinter

RELEVANT COURSEWORK

Natural Language Processing
NLP Applications
Topics in IR (Deep Learning for NLP)
Information Retrieval and Extraction
Intro to Linguistics
Sociolinguistics & PsychoLinguistics
Language Typology
Statistical Methods in AI

codemixed tasks.

MS Research Project : Syntax Aware Bias Detection in online news data

Exploring Syntactic Sentence Composition using Tree Recursive LSTMs for subjectivity and bias detection in news data.

Clustering based Extractive Document Summarization

Built an extractive summarization technique gaining significant performance over baselines using sentence vectorization (skipthought).

AWARDS & ACHIEVEMENTS

Workshop Representative Paper, HumanizingAI Workshop - 2019

Work presented at HumanizingAI workshop, IJCAI'19 selected towards publication at "Best of IJCAI Workshops" Springer volume.

HAI'19 Travel Grant- 2019

Awarded student travel grant to attend IJCAI 2019 HumanizingAI workshop.

Dean's Merit List Awards - IIIT Hyderabad, 2017 & 2018

Award given for academic excellence to top 10% of the batch

Linguistic Data Consortium Data Scholarship, Fall'17

Linguistic Data Scholarship for promising research students

CBSE (High School) Award, 2011

Award for 10/10 CGPA (CBSE Secondary School Examination)

PUBLICATION

Curriculum Learning Approaches for Hindi-English Codemixed Sentiment Analysis

Anirudh Dahiya, Neeraj Battan, Dr. Manish Shrivastava, Dr. Dipti Misra Sharma

HumanizingAI, Workshop, IJCAI 2019 - Macao SAR, China

POSITIONS OF RESPONSIBILITY HELD

Member, Student Academic Counselling Board, IIIT Hyderabad

Coordinate with faculty and students to enhance academic and research excellence at university, counselling and help cells for students in academic distress.

Coordinator, Students Placement Committee, IIIT Hyderabad

Student coordinator for promoting industrial and research opportunities at campus.