

Mayank Singh

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EDUCATION

Doctor of Philosophy(PhD)

IIT Kharagpur
December 2013 - till date

Bachelor of Technology

IIT Jodhpur
Graduation May 2012
CPI 8.89(10)

RESEARCH INTEREST

Text Mining, NLP, ML, Complex networks, Information science

JOB EXPERIENCE

Infosys Limited, Hyderabad

Technology Analyst
Business Intelligence Domain
Aug 2012–May 2013

INTERNSHIPS

TCS Innovation labs, Kolkata

With Dr. Arindam Pal
Summer 2017

Georgia Tech, Atlanta, USA

With Dr. Constantine Dovrolis
Summer 2016

XRCI, Bangalore, India

With Dr. Tridib Mukherjee
Summer 2014

ISRC, Northern Ireland

With Dr. Ammar Belatreche
Summer 2011

CONFERENCE PUBLICATIONS

Relay-Linking Models for Prominence and Obsolescence in Evolving Networks

Mayank Singh, Rajdeep Sarkar, Pawan Goyal, Animesh Mukherjee, Soumen Chakrabarti
KDD 2017, Halifax, Canada

Understanding the Impact of Early Citers on Long-Term Scientific Impact

Mayank Singh, Ajay Jaiswal, Priya Shree, Arindam Pal, Animesh Mukherjee, Pawan Goyal
JCDL 2017, Toronto, Canada

Citation sentence reuse behavior of scientists: A case study on massive bibliographic text dataset of computer science

Mayank Singh, Abhishek Niranjana, Divyansh Gupta, Nikhil Angad Bakshi, Animesh Mukherjee, Pawan Goyal
JCDL 2017, Toronto, Canada

AppTechMiner: Mining Applications and Techniques from Scientific Articles

Mayank Singh, Soham Dan, Sanyam Agarwal, Pawan Goyal, Animesh Mukherjee
WOSP, JCDL 2017, Toronto, Canada

OCR++: A Robust Framework For Information Extraction from Scholarly Articles

Mayank Singh, Barnopriyo Barua, Priyank Palod, Manvi Garg, Sidhartha Satapathy, Samuel Bushi, Kumar Ayush, Krishna Sai Rohith, Tulasi Gamidi, Pawan Goyal, Animesh Mukherjee
COLING 2016, Osaka, Japan

FeRoSA: A faceted recommendation system for scientific articles

Tanmoy Chakraborty, Amrith Krishna, Mayank Singh, Pawan Goyal, Niloy Ganguly, Animesh Mukherjee
PAKDD 2016, Auckland, Newzealand

The role of citation context in predicting long-term citation profiles: an experimental study based on a massive bibliographic text dataset

Mayank Singh, Vikas Patidar, Suhansanu Kumar, Tanmoy Chakraborty, Animesh Mukherjee, Pawan Goyal
CIKM 2015, Melbourne, Australia

INVITED TALKS

WAIU, 2017

Indian Institute of Science

North-Western University, 2015

Dept. of Biomedical NLP/Informatics

ONLINE PROJECTS

CL Scholar

Submitted at NAACL 2018

OCR++

Accepted at COLING 2016

FEROSA

Accepted at PAKDD 2016

PubIndia

Accepted at WOSP 2015

TEACHING ASSISTANT

Algorithms-1

Fall 2017

Information Retrieval

Spring 2017

Speech & Natural Language Processing

Fall 2016

Information Retrieval

Spring 2016

Speech & Natural Language Processing

Fall 2015

Formal Languages & Automata Theory

Spring 2015

Discrete Structures

Fall 2014

Computer Networks

Spring 2014

ConfAssist: A Conflict resolution framework for assisting the categorization of Computer Science conferences [Poster]

Mayank Singh, Tanmoy Chakraborty, Pawan Goyal, Animesh Mukherjee

JCDL 2015, Tennessee, USA

PubIndia: A Framework for Analyzing Indian Research Publications in Computer Sciences

Mayank Singh, Soumajit Pramanik, Tanmoy Chakraborty
WOSP, JCDL 2015, Tennessee, USA

JOURNAL PUBLICATIONS

Is this conference a top-tier? ConfAssist: An assistive conflict resolution framework for conference categorization

Mayank Singh, Tanmoy Chakraborty, Animesh Mukherjee, Pawan Goyal

Journal Of Informetrics, 2016

UNDER SUBMISSION

Ranking State-of-the-art Papers via Incomplete Tournaments Induced by Citations from Performance Tables

Mayank Singh, Rajdeep Sarkar, Pawan Goyal, Animesh Mukherjee, Soumen Chakrabarti
Full paper, KDD 2018

CL Scholar: The ACL Anthology Knowledge Graph Miner

Mayank Singh, Pradeep Dogga, Sohan Patro, Dhiraj Barnwal, Ritam Dutt, Rajarshi Haldar, Pawan Goyal, Animesh Mukherjee
Demo, NAACL 2018

AWARDS & ACHIEVEMENTS

QINF 2017

Finalist at Qualcomm Innovation Fellowship contest, Qualcomm research, Bangalore, India.

GYTI 2017

Received GYTI award appreciation for ground breaking innovation at Rastrapati Bhavan, New Delhi, India.

Travel Grant

Received Google, KDD and IARCS travel grant for attending KDD (2017), Halifax, Canada.

Received SIGIR travel grant for attending JCDL (2017), Toronto, Canada.

Received Google, SIGIR and Flipkart travel grant for attending CIKM (2015), Melbourne, Australia.

Fellowship

Receiving TCS fellowship from January, 2014 for 5 years

IBM Day

Ranked 1st and 3rd in consecutive IBM Day demo contests at IIT KGP.