

Sayan Ghosh

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Education

The University of North Carolina at Chapel Hill

PhD in Computer Science

Research Area : Natural Language Processing

Advisor : Prof. Shashank Srivastava

Chapel Hill, NC, USA

Fall 2019–Present

Indian Institute of Technology Kharagpur

B.Tech (Hons.) in Computer Science and Engineering

CGPA 9.54/10.0

Kharagpur, India

2014–2018

Publications

- **Analysing the Extent of Misinformation in Cancer Related Tweets**
Rakesh Bal, Sayan Sinha, Swastika Dutta, Rishabh Joshi, Sayan Ghosh, Ritam Dutt
ICWSM 2020 (to appear)
- **Exploring Color Variations for Vector Graphics**
Sayan Ghosh, Jose Echevarria, Vineet Batra, Ankit Phogat
SIGGRAPH 2019 (Poster)
- **DeepTagRec: A Content-cum-User based Tag Recommendation Framework for Stack Overflow**
Suman Kalyan Maity, Abhishek Panigrahi, Sayan Ghosh, Arundhati Banerjee, Pawan Goyal and Animesh Mukherjee
ECIR 2019
- **Public Sphere 2.0: Targeted Commenting in Online News Media**
Ankan Mullick, Sayan Ghosh, Ritam Dutt, Avijit Ghosh and Abhijnan Chakraborty
ECIR 2019
Won best poster presentation award
- **QoS-Aware Dynamic Caching for Destroyed Virtual Machines in Sensor-Cloud Architecture.**
Arijit Roy, Sudip Misra and Sayan Ghosh
ICDCN 2018
- **Mining Twitter and Taxi Data for Predicting Taxi Pickup Hotspots.**
Sankarshan Mridha, Sayan Ghosh, Robin Singh, Sourangshu Bhattacharya and Niloy Ganguly
ASONAM 2017

Patents

- **Weighted Color Palette Generation**
Ankit Phogat, Sayan Ghosh, Vineet Batra
Application US16/685,589 (Filed Nov 2019)
- **Flow-Based Color Transfer from Source Graphic to Target Graphic**
Ankit Phogat, Sayan Ghosh, Vineet Batra, Stephen DiVerdi, Scott Cohen
Application US16/533,308 (Filed Aug 2019)

Job Experience

Adobe Inc.

Adobe Illustrator team

Noida, India

July 2018 - July 2019

I was part of Adobe Illustrator team in Adobe Inc. (formerly known as Adobe Systems Pvt. Ltd.) I was involved in research and development projects involving computer vision and vector graphics.

Internships

Adobe Research, BigData Experience Labs

Research Intern

Guide: Iftikhar Ahamath Burhanuddin and Prakhar Gupta

Topic: Conversational Agents for Enterprise

Bangalore, India

Summer 2017

National Digital Library of India

Summer Intern

Guide: Prof. Sudeshna Sarkar and Prof. Partha Pratim Das

Topic: OCR correction on Bengali documents

IIT Kharagpur, India

Summer 2016

ISI Cryptology Summer Internship

Research Intern

Guide: Prof. Bimal K. Roy

Topic: Multiple Threshold Secret Sharing

ISI Kolkata, India

Summer 2015

Academic Achievements

- Won best poster presentation award at ECIR 2019.
- Recipient of Jagadish Bose National Science Talent Search (JBNSTS) Scholarship Award 2014.
- Recipient of Jawaharlal Nehru Scholarship-2014 for outstanding result in CBSE-AISSCE and Joint Entrance Examinations.
- Received Governor's Award for good performance in Higher Secondary Exam
- Secured AIR 1038 in JEE Advanced-2014, AIR 270 in JEE Main-2014 and 8th rank in WBJEE-2014
- Recipient of Kishore Vaigyanik Protsahan Yojana fellowship in SX stream (2013-14) by securing rank 171
- Placed in National Top 1% and qualified for Indian National Chemistry Olympiad and Indian National Astronomy Olympiad.