

Suhansanu Kumar

PhD candidate

Department of Computer Science

University of Illinois at Urbana Champaign.

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Year	Degree	Institution	CGPA
2015-	PhD	University of Illinois, Urbana-Champaign	3.73/4.0
2014	BTech(Hons.)	IIT Kharagpur	9.32/10.0

Selected Publications

- **Suhansanu Kumar**, Changyu Wang, Sanmi Koyejo, Hari Sundaram. “**Learning to sample graphs**” (under review).
- **Suhansanu Kumar**, Hari Sundaram. “**Attribute-guided network sampling mechanisms**”, TKDD 2020.
- **Suhansanu Kumar**, Heting Gao, Changyu Wang, Hari Sundaram, Kevin C Chang. “**Hierarchical Multi-armed Bandit for Sampling Hidden Populations**”, ASONAM 2019 (Best paper award)
- Harshay Shah, **Suhansanu Kumar**, Hari Sundaram. “**Growing Attributed Networks through Local Processes**” in WWW, 2019.
- Tanmoy Chakraborty, **Suhansanu Kumar**, Pawan Goyal, Niloy Ganguly and Animesh Mukherjee. “**On the categorization of scientific citation profiles**” in Communications of the ACM (CACM), 2015.

Scholastic Achievements

- Received **Best Paper Award** at IEEE/ACM International Conference on Advances in Social Networks Analysis & Mining.
- Conferred **Wing Kai Cheng Fellowship** from department of Computer Science, UIUC, 2015.
- Awarded **DAAD Scholarship** 2013, to pursue summer internship at University of Heidelberg, Germany.
- Awarded **McCormick Scholarship** 2012 to pursue summer internship at Northwestern University, USA.
- **Jagadish Bose National Science Scholar**, 2010 - Figured among top 50 students from all over West Bengal.
- Recipient of **Institutional Merit Scholarship** awarded by IIT Kharagpur for three consecutive years- 2010, 2011 and 2012.
- **AIR 161** in AIEEE, 2010 common engineering entrance examination featuring more than 1,065,000 students.
- Conferred Hindustan Times Achievement Award for being **state topper** in ICSE board , 2008.

Work experience

- Internship at **Facebook, Menlo Park** in Business Integrity team under guidance of Eli Ameseffe, May - Aug, 2020.
- Internship at **Google, Sunnyvale** in Bigtable team under guidance of Dr. Xiaozhou (Steve) Li, May - Aug, 2019.
- Internship at **WalmartLabs, Sunnyvale** in Data Science team under guidance of Dr. Kanan Achan, June - Aug, 2017.
- Internship at **Flipkart, Bangalore**, in Data Science team under guidance of Dr. Mohit Kumar, Jan - July, 2015.
- Summer Internship at Computer Linguistic lab in **University of Heidelberg, Germany**, under guidance of Prof. Sebastian Pado, May - July, 2013.
- Summer Internship at CUCIS lab in **Northwestern University, USA**, in Data Analytics and Data Mining under guidance of Prof. Alok N Choudhary, May - July, 2012.

Technical Skills

- **Programming Languages:** Python, C/C++, JAVA
- **Web Design Tools:** Django, HTML/CSS, PHP, JS.
- **DBMS:** MySQL, MongoDB.
- **Other Tools:** Matlab, SNAP, Redis, LaTeX.

Positions of Responsibility

- **Teaching assistant** for Data Structures(CS 225), Data Mining(CS 512 and CS 412), Social & Information networks(CS 498).
- **Math mentor** at Franklin Middle School 2018 and International Prep Academy 2020.
- **Reviewed** papers for WWW, ICML, ECML, IEEE Access and DAMI conferences and journals.
- **PURE(Promoting Undergraduate Research in Engineering)** mentor 2015, 2017.
- **Volunteer** at Student Welfare Group, 2011, National Cadet Corps (NCC, 2010), National Service Scheme (NSS,2011).