Publication List of Tanay Kumar Saha

Publications

Journal Papers

[1] Discovery of Functional Motifs from the Interface Region of Oligomeric Proteins using Frequent Subgraph Mining
Tanay Kumar Saha, Ataur Katebi, Wajdi Dhifli, Mohammad Al Hasan
IEEE/ACM Transactions on Computational Biology and Bioinformatics (2017). 2017.

[2] Name disambiguation from link data in a collaboration graph using temporal and topological features
Tanay Kumar Saha, Baichuan Zhang, Mohammad Al Hasan
Social Network Analysis and Mining 5.1 (2015) pp. 1–14. Springer Vienna, 2015, Springer Vienna.

[3] FS˜3: A sampling based method for top-k frequent subgraph mining [Code: `https://github.com/tksaha/fs3-graph-mining`]
Tanay Kumar Saha, Mohammad Al Hasan
Statistical Analysis and Data Mining 8.4 (2015) pp. 245–261. Wiley Online Library, 2015, Wiley Online Library.

Conference Papers

[1] Regularized and Retrofitted models for Learning Sentence Representation with Context (Acceptance Rate: 21%)
Tanay Kumar Saha, Shafiq Joty, Naeemul Hassan, Mohammad Al Hasan
Proceedings of the 26th ACM International Conference on Information and Knowledge Management, CIKM, 2017.

[2] Con-S2V: A Joint Learning framework for incorporating Extra-Sentential Context into Sen2Vec (Acceptance Rate: 27%) [Code: `https://github.com/tksaha/con-s2v`]
Tanay Kumar Saha, Shafiq Joty, Mohammad Al Hasan
Machine Learning and Knowledge Discovery in Databases - European Conference, ECML PKDD, 2017.

[3] ACTS: Extracting Android App Topological Signature through Graphlet Sampling (Acceptance Rate: 29%)
Wei Peng, Tianchong Gao, Devkishen Sisodia, **Tanay Kumar Saha**, Feng Li, Mohammad Al Hasan
IEEE Conference on Communications and Network Security, 2016.

[4] Discovery of Functional Motifs from the Interface Region of Oligomeric Proteins using Frequent Subgraph Mining Method
Tanay Kumar Saha, Ataur Katebi, Mohammad Al Hasan
15th International Workshop on Data Mining in Bioinformatics (BIOKDD'16), 2016.

[5] Finding network motifs using MCMC sampling [Code: `https://github.com/tksaha/motif-finding`]
Tanay Kumar Saha, Mohammad Al Hasan
Complex Networks VI, 2015, Springer International Publishing.

[6] Batch-mode active learning for technology-assisted review
Tanay Kumar Saha, Mohammad Al Hasan, Chandler Burgess, Md Ahsan Habib, Jeff Johnson
IEEE International Conference on Big Data, 2015.

[7] Name disambiguation from link data in a collaboration graph
Tanay Kumar Saha, Baichuan Zhang, Mohammad Al Hasan
2014 IEEE/ACM International Conference on Advances in Social Networks Analysis and Mining (ASONAM), 2014.

Working/Submitted Papers

[1] Effective Feature Representation for Link prediction in Dynamic Networks
Mahmudur Rahman, **Tanay Kumar Saha**, Mohammad Al Hasan, Kevin S. Xu, Chandan K. Reddy
Machine Learning Journal, 2017.

[2] Study of Methods for Abstract Screening in a Systematic Review Platform
Tanay Kumar Saha, Mourad Ouzzani, Hossam Hammady, Ahmed K. Elmagarmid, Mohammad Al Hasan
Journal of Biomedical Informatics, 2017.

Poster Papers

[1]   Finding network motifs using MCMC sampling
      Tanay Kumar Saha, Mohammad Al Hasan
      18th Annual International Conference on Research in Computational Molecular Biology (RECOMB), 2014.

Provisional Patent Application

[1]   Method and System for Log Based Computer Server Failure Diagnosis
      Jianwu Xu, Hui Zhang, Pranay Anchuri, **Tanay Kumar Saha**
      2017.

[2]   Apparatus and Method of Implementing Batch-Mode Active Learning for Technology-Assisted Review of Documents
      Jeffrey A Johnson, Md Ahsan Habib, Chandler L Burgess, **Tanay Kumar Saha**, Mohammad Al Hasan
      US Patent App. 15/260,444, 2016.

[3]   Apparatus and Method of Implementing Enhanced Batch-Mode Active Learning for Technology-Assisted Review of Documents
      Jeffrey A Johnson, Md Ahsan Habib, Chandler L Burgess, **Tanay Kumar Saha**, Mohammad Al Hasan
      US Patent App. 15/260,538, 2016.