Aniket Chakrabarti

Excited about training deep models to solve Natural Language Understanding problems including Embedding Learning, Question Answering, Search Relevance; 7.5 years of industry experience and 6 years of academic research experience.

CONTACT INFORMATION	Email: chakrabarti.14@osu.edu `https://aniketc1.github.io`	

PROFESSIONAL EXPERIENCE	*Senior Applied Scientist*, Amazon.com, Bengaluru India	Feb 2020 - current
	Applied Scientist 2, Microsoft Turing, Bellevue USA, Hyderabad India	Aug 2017 - Jan 2020
	Research Intern, Microsoft Research, Redmond USA	May 2016 - Aug 2016
	Research Intern, NEC Labs, Princeton USA	May 2015 - Aug 2015
	Research Intern, HP Labs, Palo Alto USA	May 2014 - Aug 2014
	Software Development Engineer, Amazon.com, Hyderabad India	Aug 2010 - Aug 2011
	Senior Engineer, Interra Systems, Kolkata India	Aug 2007 - Aug 2010

EDUCATION	**PhD**, Computer Science and Engineering The Ohio State University, Columbus, USA Advisors: Dr. Srinivasan Parthasarathy, Dr. Christopher Stewart	2011 - 2017
	MS, Computer Science and Engineering The Ohio State University, Columbus, USA GPA: 3.975/4.0	2011 - 2015
	BE, Information Technology Jadavpur University, Kolkata, India GPA: 9.15/10.0	2003 - 2007

SKILLS	**Languages:** C, C++, Python **Frameworks:** HuggingFace, Pytorch, Tensorflow, ONNX

PUBLICATIONS

Distantly Supervised Transformers For E-Commerce Product QA. Happy Mittal, Aniket Chakrabarti, Belhassen Bayar, Animesh Anant Sharma, Nikhil Rasiwasia. NAACL-HLT 2021 (To appear).

Spread Sampling and Its Applications on Graphs. Yu Wang, Bortik Bandyopadhyay, Vedang Patel, Aniket Chakrabarti, David Sivakoff, Srinivasan Parthasarathy. COMPLEX NETWORKS 2019.

ColdRoute: effective routing of cold questions in stack exchange sites. Jiankai Sun, Abhinav Vishnu, Aniket Chakrabarti, Charles Siegel, Srinivasan Parthasarathy. ECML-PKDD 2018.

Spread Sampling for Graphs: Theory and Applications. Yu Wang, Bortik Bandyopadhyay, Aniket Chakrabarti, David Sivakoff, Srinivasan Parthasarathy. KDD Workshops 2018.

A Pareto Framework for Data Analytics on Heterogeneous Systems: Implications for Green Energy Usage and Performance. Aniket Chakrabarti, Srinivasan Parthasarathy, Christopher Stewart. ICPP 2017.

Hierarchical Change Point Detection on Dynamic Networks. Yu Wang, Aniket Chakrabarti, David Sivakoff, Srinivasan Parthasarathy. WebSci 2017.

Fast Change Point Detection on Dynamic Social Networks. Yu Wang, Aniket Chakrabarti, David Sivakoff, Srinivasan Parthasarathy. IJCAI 2017.

D-STHARk: Evaluating Dynamic Scheduling of Tasks in Hybrid Simulated Architectures. Svyo Toledo, Danilo Melo, Guilherme Andrade, Fernando Mouro, Aniket Chakrabarti, Renato Ferreira, Srinivasan Parthasarathy, Leonardo Rocha. ICCS 2016.

Robust Anomaly Detection for Large-scale Sensor Data. Aniket Chakrabarti, Manish Marwah, Martin Arlitt. ACM BuildSys 2016.

Topological Graph Sketching for Incremental and Scalable Analytics. Bortik Bandyopadhyay, David Fuhry, Aniket Chakrabarti and Srinivasan Parthasarathy. CIKM 2016.

Improving Locality Sensitive Hashing Based Similarity Search and Estimation for Kernels. Aniket Chakrabarti, Bortik Bandyopadhyay and Srinivasan Parthasarathy. ECML-PKDD 2016.

Heterogeneity- and Green- Aware Partitioning for Data Analytics. Aniket Chakrabarti, Srinivasan Parthasarathy and Christopher Stewart. Infocom Workshops 2016.

A Bayesian Perspective on Locality Sensitive Hashing with Extensions for Kernel Methods. Aniket Chakrabarti, Venu Satuluri, Atreya Srivathsan and Srinivasan Parthasarathy. TKDD 2015.

Sequential Hypothesis Tests for Adaptive Locality Sensitive Hashing. Aniket Chakrabarti and Srinivasan Parthasarathy. WWW 2015.

Zoolander: Efficiently meeting very strict, low-latency slos. Christopher Stewart, Aniket Chakrabarti and Rean Griffith. ICAC 2013.

Zoolander: Efficient Latency Management in NoSQL Stores. Aniket Chakrabarti, Christopher Stewart, Daiyi Yang and Rean Griffith. Poster, Middleware 2012.

PROFESSIONAL SERVICES	**Journal Editorial Board:** DMKD **Program Committee:** KDD 18,19,20,21, SIGIR 20,21, WSDM 21, IJCAI 20, SISAP 18,19,20, HiPC 2019, DSAA 18,19, CIKM 17,18, SmartGridComm 2018, WWW 2017 **Reviewer:** ECML-PKDD, TKDE, TKDD, Pattern Recognition Letters, DAPD, VLDB Journal, TSAS, TDS
HONORS	B. Chandrasekaran & Sandra Mamrak Graduate Research Award, Computer Science & Engineering, The Ohio State University, 2017 Best student project award for "Digital Image Watermarking Based on the Vector Quantization Technique", Jadavpur University, 2007