

# Aniket Chakrabarti

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Excited about solving impactful NLP problems including Question Answering, Search Relevance, Language Modeling; 7.5 years of industry experience and 6 years of academic research experience.

**CONTACT** Email: [chakrabarti.14@osu.edu](mailto:chakrabarti.14@osu.edu)  
**INFORMATION** <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 2011 - 2017  
Advisors: Dr. Srinivasan Parthasarathy, Dr. Christopher Stewart  
  
**MS**, Computer Science and Engineering  
The Ohio State University, Columbus, USA 2011 - 2015  
GPA: 3.975/4.0  
  
**BE**, Information Technology  
Jadavpur University, Kolkata, India 2003 - 2007  
GPA: 9.15/10.0

**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.* Svyto 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.

*Zoosander: Efficiently meeting very strict, low-latency SLOs.* Christopher Stewart, Aniket Chakrabarti and Rean Griffith. ICAC 2013.

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

## **PROFESSIONAL Journal Editorial Board: DMKD**

### **SERVICES**

**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