

NSF BIOGRAPHICAL SKETCH

NAME: Shasha, Dennis

POSITION TITLE & INSTITUTION: Julius Silver Professor of Computer Science and Data Science, Courant Institute

(a) PROFESSIONAL PREPARATION

INSTITUTION	LOCATION	MAJOR / AREA OF STUDY	DEGREE (if applicable)	YEAR YYYY
Yale University	New Haven, CT	Engineering and Applied Science	BS	1977
Syracuse University	Syracuse, NY	Computer Science	MS	1980
Harvard University	Cambridge, MA	Applied Mathematics	PHD	1984

(b) APPOINTMENTS

- 2018 - Julius Silver Professor of Computer Science and Data Science, Courant Institute, New York University, New York, NY
- 2015 - 2019 International Chair, INRIA, Montpellier
- 1995 - Professor of Computer Science, Courant Institute, New York University, New York, NY
- 1993 - Co-Editor-in-Chief (with Gottfried Vossen and Felix Naumann) of Information Systems, Publisher: Elsevier North Holland

(c) PRODUCTS

Products Most Closely Related to the Proposed Project

1. Kocak MA, Shasha D, Erkip E. Conjugate conformal prediction for online binary classification. Conference on Uncertainty in Artificial Intelligence; 2016 July; New York, NY, USA.
2. Michale G, Pulvirenti A, Giugno R, Shasha D. Fast Methods for Finding Significant Motifs on Labelled multi-relational networks. Journal of complex networks. 2019 March 13; Available from: <http://doi.org/10.1093/comnet/cnz008>
3. Cirrone J, Brooks MD, Bonneau R, Coruzzi GM, Shasha DE. OutPredict: multiple datasets can improve prediction of expression and inference of causality. Sci Rep. 2020 Apr 22;10(1):6804. PubMed PMID: [32321967](https://pubmed.ncbi.nlm.nih.gov/32321967/); PubMed Central PMCID: [PMC7176633](https://pubmed.ncbi.nlm.nih.gov/PMC7176633/).
4. Kocak MA, Ramirez D, Erkip E, Shasha D. SafePredict: A Meta-Algorithm for Machine Learning That Uses Refusals to Guarantee Correctness. IEEE Trans Pattern Anal Mach Intell. 2019 Aug 1;PubMed PMID: [31380747](https://pubmed.ncbi.nlm.nih.gov/31380747/).

Other Significant Products, Whether or Not Related to the Proposed Project

1. Alaimo S, Di Maria A, Shasha D, Ferro A, Pulvirenti A. TACITuS: transcriptomic data collector, integrator, and selector on big data platform. BMC Bioinformatics. 2019 Nov 22;20(Suppl 9):366. PubMed PMID: [31757212](https://pubmed.ncbi.nlm.nih.gov/31757212/); PubMed Central PMCID: [PMC6873396](https://pubmed.ncbi.nlm.nih.gov/PMC6873396/).

2. Servajean M, Joly A, Shasha D, Champ J, Pacitti E. Crowdsourcing Thousands of Specialized Labels: a Bayesian active training approach. IEEE transactions on multimedia. 2017 June; 19(6):1376-1391.
3. Yagoubi DEdine, Akbarinia R, Kolev B, Levchenko O, Maseglia F, Valduriez P, Shasha D. ParCorr: Efficient Parallel Methods to Identify Similar Time Series Pairs across Sliding Windows. Data mining and knowledge discovery. 2018 September; 32(5):1481-1507. Available from: <https://doi.org/10.1007/s10618-018-0580-z>

(d) SYNERGISTIC ACTIVITIES

1. Co-Editor-in-Chief, Information Systems Journal
2. 2015-2020 INRIA International Chair
3. 2014- ACM Fellow