MEENA JAGADEESAN

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EDUCATION

UC Berkeley, **Ph.D. Computer Science**   2020-
   Selected Honors: *Berkeley EECS Excellence Award*

Harvard University, **S.M. Computer Science**   2019-[2020]

Harvard University, **A.B. Computer Science and Mathematics**   2016-[2020]
   Secondary Field: Statistics
   Selected Honors: *Phi Beta Kappa*, *Detur Book Prize*, and *Certificate of Distinction in Teaching*

Phillips Exeter Academy, High School Diploma   2012-2016
   Selected Honors: *Cox Medal* (given to 5 students with the highest scholastic rank)

SELECTED AWARDS

PD Soros Fellowship for New Americans   2020
Berkeley Fellowship   2020
CRA Outstanding Undergraduate Researcher Award   2020
Siebel Scholar   2019-2020
Barry Goldwater Scholar   2018
Intel Science Talent Search, 2nd Place in Basic Research   2016
Davidson Fellow Laureate   2016

PUBLICATIONS

(* denotes alphabetical ordering)

1. Christina Ilvento*, Meena Jagadeesan*, and Shuchi Chawla. "Multi-Category Fairness in Sponsored Search Auctions." *Proceedings of the 3rd ACM Conference on Fairness, Accountability and Transparency **(FAT*)**,* 2020, pp. 348–358.
2. Cynthia Dwork*, Christina Ilvento*, and Meena Jagadeesan*. "Individual Fairness in Pipelines." *Proceedings of the 1st Conference on Foundations of Responsible Computation **(FORC)**,* 2020, to appear.
3. Meena Jagadeesan. "Understanding Sparse JL for Feature Hashing." *Proceedings of the 33rd Annual Conference on Neural Information Processing Systems **(NeurIPS)**,* 2019, pp. 15177-15187. **Oral presentation (given to ~3% of accepted papers).**
4. Meena Jagadeesan. "Simple Analysis of Sparse, Sign-Consistent JL.*" Proceedings of the 23rd International Conference on Randomization and Computation **(RANDOM)**,* pp. 61:1–61:20, 2019.
5. Meena Jagadeesan* and Alexander Wei*. "Varying the Number of Signals in Matching Markets.*" Proceedings of the 14th International Conference on Web and Internet Economics **(WINE)**,* pp. 232-245*,* 2018.
6. Elaine Hou* and Meena Jagadeesan*. "Dyson's Partition Ranks and their Multiplicative Extensions." ***The Ramanujan Journal**,* Vol. 45, Issue 3, April 2018, pp. 817–839.
7. Meena Jagadeesan and Susan Durst. "Mobius Polynomials of Face Posets of Convex Polytopes." ***Communications in Algebra**,* Vol. 44, Issue 11, 2016, pp. 4945-4972.

Short Papers

1. Meena Jagadeesan* and Garrett Tanzer*. "From Worst-Case to Average-Case Analysis: Accurate Latency Predictions for Key-Value Storage Engines". *Proceedings of the International Conference on Management of Data **(SIGMOD)**,* 2020, to appear**.** (2-Page Extended Abstract.)

THESES

1. Meena Jagadeesan. "The Performance of Johnson-Lindenstrauss Transforms: Beyond the Classical Setting." *Undergraduate Thesis.*

SELECTED PRESENTATIONS

1. "Multi-Category Fairness in Sponsored Search Auctions" at ACM FAT*, 1/29/2020 (Talk)
2. "Understanding Sparse JL for Feature Hashing" at NeurIPS, 12/12/2019 (Talk)
3. "Simple Analysis of Sparse, Sign-Consistent JL" at RANDOM, 9/21/2019 (Talk)
4. "Multi-Category Fairness in Sponsored Search Auctions" at Workshop on Mechanism Design for Social Good at ACM EC, 6/28/2019 (Poster)
5. "Analyzing Johnson-Lindenstrauss Transforms" at U. Wisconsin-Madison Theory Seminar, 5/17/2019 (Talk)
6. "Varying the Number of Signals in Matching Markets" at WINE, 12/17/2018 (Talk)
7. "Varying the Number of Signals in Matching Markets" at Workshop on Frontiers of Market Design at ACM EC, 6/22/2018 (Talk)

EMPLOYMENT/POSITIONS

Undergraduate Research Intern at Microsoft Research Redmond	Summer 2020
Harvard College Research Program Fellow	Summer 2019
Teaching Fellow, Harvard CS 61 (Systems Programming and Machine Organization)	Fall 2018
Software Engineer/Program Manager at Microsoft	Summer 2018
Harvard Herchel Smith & PRISE Fellow	Summer 2017
Emory Research Experience for Undergraduates	Summer 2016
Participant in the Research Science Institute (RSI)	Summer 2015

PROFESSIONAL SERVICE

Reviewer for *Journal of Artificial Intelligence Research (JAIR)* and *Management Science*