MEENA JAGADEESAN

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EDUCATION

Harvard University, **S.M. Computer Science**   **Anticipated, 2020**

Harvard University [GPA: 3.975/4.0], **A.B. Computer Science/Math, Secondary in Statistics**   **Anticipated, 2020**

- Senior Thesis: "Analyzing Johnson-Lindenstrauss Distributions" [in progress, Advisor: Prof. Jelani Nelson]

Phillips Exeter Academy, High School Diploma   2016

- Cox Medal – awarded to the 5 students in the graduating class with the highest scholastic rank

SELECTED AWARDS

Siebel Scholar	2019-2020
Computing Research Association Outstanding Undergraduate Researcher Award, Finalist	2018-2019
Barry Goldwater Scholar	2018
Certificate of Distinction in Teaching, Derek Bok Center, Harvard University	2018
Intel Science Talent Search, 2nd Place in Basic Research	2016
Davidson Fellow Laureate	2016

PUBLICATIONS

1. "Understanding Sparse JL for Feature Hashing." *Proceedings of the 33rd Annual Conference on Neural Information Processing Systems **(NeurIPS)**,* 2019, to appear. **Oral presentation (<1% of submissions).**
2. "Simple Analysis of Sparse, Sign-Consistent JL*". Proceedings of the 23rd International Conference on Randomization and Computation **(RANDOM)**,* pp. 61:1–61:20, 2019.
3. "Varying the Number of Signals in Matching Markets*"* with Alexander Wei. *Proceedings of the 14th International Conference on Web and Internet Economics **(WINE)**,* pp. 232-245, 2018.
4. "Dyson's Partition Ranks and their Multiplicative Extensions" with Elaine Hou. ***The Ramanujan Journal,*** Vol. 45, Issue 3, April 2018, pp. 817–839.
5. "Mobius Polynomials of Face Posets of Convex Polytopes" with Susan Durst. ***Communications in Algebra,*** Vol. 44, Issue 11, 2016, pp. 4945-4972.

ONGOING RESEARCH / MANUSCRIPTS

1. "Multi-Category Fairness in Sponsored Search Auctions" with Shuchi Chawla and Christina Ilvento.
2. *"*Individual Fairness in Pipelines" with Cynthia Dwork and Christina Ilvento.
3. Project on browser extension security (with Alisha Ukani, Alexander Wei, and James Mickens).
4. Project on automating data structural design (with the Harvard Data Systems Laboratory (DASlab)).

EMPLOYMENT

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

PROFESSIONAL ACTIVITIES

Referee for *Journal of Artificial Intelligence Research (JAIR)*	2018
Participant in the Research Science Institute (RSI)	Summer 2015