

AKHIL JALAN

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EDUCATION

University of Texas at Austin

Aug 2020 - May 2025 (Expected)

Ph.D. Computer Science

Advisor: Dana Moshkovitz

University of California, Berkeley

Aug 2015 - May 2019

B.A. Applied Mathematics, Highest Honors

GPA: 3.95/4.00

Advisor: Nikhil Srivastava

PUBLICATIONS

- **Near-Optimal Cayley Expanders for Abelian Groups**

Akhil Jalan, Dana Moshkovitz

41st IARCS Annual Conference on Foundations of Software Technology and Theoretical Computer Science (FSTTCS 2021).

LIPICS, 2021.

- **Too Many Fairness Metrics: Is There a Solution?**

Swati Gupta, **Akhil Jalan**, Gireeja Ranade, Helen Yang, Simon Zhuang.

4th Annual Workshop on Mechanism Design for Social Good (MD4SG).

ACM, 2020.

- **Some New Numeric Results Concerning the Witsenhausen Counterexample**

Vignesh Subramanian, Laura Brink, Nikunj Jain, Kailas Vodrahalli, **Akhil Jalan**, Nikhil Shinde, Anant Sahai.

2018 56th Annual Allerton Conference on Communication, Control, and Computing (Allerton).

IEEE, 2018.

PREPRINTS / MANUSCRIPTS

- **The Structure of the Sandpile Group**

Akhil Jalan

Bachelor's Thesis, UC Berkeley.

2019

SERVICE

External Reviewer

Computational Complexity Conference (CCC) 2022

Graduate Student Representative

Fall 2021

Graduate Representative Association of Computer Sciences

Austin, TX

Math Peer Advisor

Aug 2018 - May 2019

UC Berkeley

Berkeley, CA

Club President

Jan 2017 - May 2019

Effective Altruists of Berkeley

Berkeley, CA