Jeremy Kun

Curriculum Vitae

✉ *jeremy /at/ 21.co*

Personal

Name	Jeremy Kun
Research summary	I am a theoretical computer scientist with broad interests, including complexity theory, graph theory and network science, learning theory, combinatorics, and geometry. My research to date focuses on theoretical and applied graph theory. I currently work as a backend engineer at 21 Inc.
Email	jeremy /at/ 21.co
Webpage	**https://jeremykun.com**

Publications

2016 **Graphs, New Models, and Complexity**, *Jeremy Kun*, The University of Illinois at Chicago.

2016 **A Confidence-Based Approach for Balancing Fairness and Accuracy**, *Benjamin Fish, Jeremy Kun, Adam Lelkes*, SIAM International Symposium on Data Mining.

2016 **Interception in Distance-Vector Routing Networks**, *David Burstein, Franklin Kenter, Jeremy Kun, Feng Shi*, Journal of Complex Networks.

2015 **On the Computational Complexity of MapReduce**, *Benjamin Fish, Jeremy Kun, Adam Lelkes, Lev Reyzin, Gyorgy Turan*, International Symposium on Distributed Computing.

2015 **Network Installation Under Convex Costs**, *Alexander Gutfraind, Jeremy Kun, Adam Lelkes, Lev Reyzin*, Journal of Complex Networks.

2015 **Fair Boosting: a Case Study**, *Benjamin Fish, Jeremy Kun, Adam Lelkes*, International Conference on Machine Learning Workshop on Fairness, Accountability, and Transparency in Machine Learning.

2015 **Open Problem: Learning Quantum Circuits with Queries**, *Jeremy Kun, Lev Reyzin*, Conference on Learning Theory.

2014 **A Boosting Approach to Learning Graph Representations**, *Rajmonda Caceres, Kevin Carter, Jeremy Kun*, SIAM International Conference on Data Mining Workshop on Mining Networks and Graphs.

2014 **On Coloring Resilient Graphs**, *Jeremy Kun, Lev Reyzin*, Mathematical Foundations of Computer Science.

2013 **Anti-Coordination Games and Stable Graph Colorings**, *Jeremy Kun, Brian Powers, Lev Reyzin*, Syposium on Algorithmic Game Theory.

Preprints

Locally Boosted Graph Aggregation for Community Detection, Rajmonda Caceres, Kevin Carter, Jeremy Kun.
In review