Xizhi Tan

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Research Interests

Mechanism Design, Algorithmic Game Theory, and Multi-agent Resource Allocation

Employment

Aug 22 - Sept 22	**Purdue University** – West Lafayette, IN *Visiting Scholar*
Jul 22 - Aug 22	**Columbia University** – New York, NY *Visiting Scholar*

Education

2020 – Present	**Drexel Universty** – Philadelphia, PA Ph.D. in Computer Science *GPA: 4.0/4.0* Advisor: Vasilis Gkatzelis
2015 – 2019	**Drexel University** – Philadelphia, PA BSc in Mathematics *GPA: 3.97/4.0*

Conference Publications

2022	**Learning-Augmented Mechanism Design: Leveraging Predictions for Facility Location** Priyank Agrawal, Eric Balkanski, Vasilis Gkatzelis, Tingting Ou, **Xizhi Tan** *23rd ACM Conference on Economics and Computation* (**EC 2022**)
2022	**Improved Price of Anarchy via Predictions** Vasilis Gkatzelis, Kostas Kollias, Alkmini Sgouritsa, **Xizhi Tan** *23rd ACM Conference on Economics and Computation* (**EC 2022**)
2022	**Deterministic Budget Feasible Clock Auctions** Eric Balkanski, Pranav Garimidi, Vasilis Gkatzelis, Daniel Schoepflin, **Xizhi Tan** *33rd ACM-SIAM Symposium on Discrete Algorithms* (**SODA 2022**)
2021	**Fair and Efficient Online Allocations with Normalized Valuations** Vasilis Gkatzelis, Alexandros Psomas, **Xizhi Tan** *35th AAAI Conference on Artificial Intelligence.* (**AAAI 2021**)

Teaching Experience

Fall 2022	**Teaching assistant, CS 521: Data Structures and Algorithms I (Graduate)**
Fall 2020, 2021	**Teaching assistant, CS 457: Data Structures and Algorithms I**
Spring 2020	**Teaching assistant, CS 380: Artificial Intelligence**

Honors and Scholarships

2022	**Teaching Excellence Award (Graduate)** *for excellence in academics teaching* by College of Computing & Informatics, Drexel University
2019	**Robert J. Bickel Scholarship** *for outstanding academic achievements* by College of Arts & Science, Drexel University
2017	**Philadelphia City Council Citation** *for contributions to the AAPI community* by City of Philadelphia

2016   **William Avery Scholarship** *for excellent performance in freshmen year*
by LeBow College of Business, Drexel University

2015 - 2019   **A.J. Drexel Scholarship** *supplemental financial support*
by Drexel University

2015 - 2019   **Drexel Grant** *supplemental financial support*
by Drexel University

Conference and Journal Service

Conference Sub-Reviewer
International Symposium on Algorithmic Game Theory (**SAGT**)
Journal Reviewer
ACM Transactions on Economics and Computation (**TEAC**)

Industry Experience

Apr 19 - Step 19   **JPMorgan Chase & Co.** – Wilmington, DE
Digital Quality Operations Analyst

Sept 17 - Mar 18   **Comcast Corporation** – Philadelphia, PA
Assistant Product Manager

May 17 - Aug 17   **City Council of Philadelphia** – Philadelphia, PA
Asian Outreach Intern

Step 16 - Mar 17   **Your Part-time Controller LLC** – Philadelphia, PA
Data Visualization Analyst