Xizhi Tan

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Research Interests

Algorithm/Mechanism Design with Predictions, Multiagent Resource Allocation

Education

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

Publications

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 2020, 2021	**Teaching assistant, CS 457: Data Structures and Algorithms I**
Spring 2020	**Teaching assistant, CS 380: Artificial Intelligence**

Posters

July 2021	Fair and Efficient Online Allocations with Normalized Valuations *The 22nd ACM Conference on Economics and Computation* (**EC 2021**)

Honors and Scholarships

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
ACM-SIAM Symposium on Discrete Algorithms (**SODA**), ACM Conference on Economics and Computation (**EC**), AAAI Conference on Artificial Intelligence (**AAAI**), Conference on Web and Internet Economics (**WINE**), International Joint Conference on Artificial Intelligence (**IJCAI**)

Journal Reviwerer
ACM Transactions on Economics and Computation (**TEAC**)

Industry Experience

Apr 19 - Step 19 **JPMorgance Chase & Co.** – Wilmington, DE
Digital Quality Operations Analyst
Conducted a Pilot project that plans to operationalize a universal roadmap language across Consumer & Community Banking to ensure that division has paper transparency, feature sequencing, governances and controls

Sept 17 - Mar 18 **Comcast Corporation** – Philadelphia, PA
Assistant Product Manager
Designed and created an auto-updating product dashboard to track and analyze the performance of SD-WAN on revenue, sales, service assurance and service delivery.

May 17 - Aug 17 **City Council of Philadelphia** – Philadelphia, PA
Asian Outreach Intern
Planed and organized Asian American Registration Voter Drive to raise the political engagement in Asian American Community.

Step 16 - Mar 17   **Your Part-time Controller** – Philadelphia, PA
                    Data Visualization Analyst
                    Researched and tested various data visualization tools and implemented the most
                    efficient software to visualize clients' financial status and cash flow projection

Technical Skills

Programming languages
Proficient in: C, Python, MATLAB, Julia
Familiar with: R, STATA, JAVA, HTML

Software
LaTeX, Git, Gurobi, Wolfram Mathematica

Languages
Mandarin (Native), English (fluent), Cantonese (advanced)