Xizhi Tan

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Research Interests

Algorithms/Mechanisms Design with Predictions, Multi-agent 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

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*

Technical Skills

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

Software
LaTeX, Git, Gurobi, Wolfram Mathematica

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