NAINA BALEPUR PH.D. CANDIDATE

Education	 University of Illinois Urbana-Champaign Ph.D. in Computer Science Advisor: Prof. Hari Sundaram Research area: Social network analysis and applied game theory 	Urbana, IL 2020 - 2026 (expected) y	
	University of PittsburghB.S. in Applied Mathematics, B.A. in PhilosophyMinor in Computer Science	Pittsburgh, PA 2016 - 2020	
Publications	1. Aditya Karan*, Naina Balepur *, and Hari Sundaram. <u>Designing</u> sumers to Exploit Personalized Pricing. <i>arXiv preprint</i> arXiv:2409		
	2. Naina Balepur and Hari Sundaram. 2024. Intervening to Increase Community Trust for Fair Network Outcomes. In ACM Conference on Fairness, Accountability, and Trans- parency (ACM FAccT '24), June 3–6, 2024, Rio de Janeiro, Brazil. ACM, New York, NY, USA, 17 pages.		
	3. Aditya Karan*, Naina Balepur*, and Hari Sundaram. 2023. Your Browsing History May Cost You: A Framework for Discovering Differential Pricing in Non-Transparent Markets. In Proceedings of the 2023 ACM Conference on Fairness, Accountability, and Transparency (FAccT '23). Association for Computing Machinery, New York, NY, USA, 717–735.		
	4. Naina Balepur*, Andy Lee*, and Hari Sundaram. Friends with Costs and Bene- fits: Community Formation with Myopic, Boundedly-Rational Actors. arXiv preprint arXiv:2312.14293(2023).		
	* authors contributed equally to this work		
Posters and Talks	Intervening to Increase Community Trust for Fair Network Outcom Talk at ACM FAccT 24	es June 2024	
	Your Browsing History May Cost You: A Framework for Discovering in Non-Transparent Markets		
	Talk at ACM FAccT 23 A Model for Altruistic Social Learning on Networks Poster at CRA WP 23	June 2023 April 2023	
	Development and Application of a Game Theoretic Model for Competition Among Bacterial Strains in a Spatial Domain		
	Poster at Pitt Math Fest April 2019 Development and Application of a Game Theoretic Model for Competition Among Bacterial Staring in a Spatial Domain		
	Strains in a Spatial Domain Poster at Undergraduate Research Symposium	July 2018	
Work Experience	 US Army Construction Engineering Research Lab Champaign Worked as a research assistant at CERL under Joseph Gamez Reworked an existing project to run more smoothly and be acconon-computing audience 		

Teaching	 CS 173: Discrete Structures at UIUC Instructor Served as sole instructor in Summer 2024, co-instru 2024 	Urbana, IL SU24, FA24 acted with Prof. Carl Evans in Fall
	CS 173: Discrete Structures at UIUC<i>Head TA</i>Delegated tasks to TAs, developed rubrics	Urbana, IL SP23, FA23, SP24
	CS 173: Discrete Structures at UIUC <i>TA</i> SP2 • Held office hours, graded exams, and helped studen	Urbana, IL 21, SU21, FA22, SP22, SU22, FA22 nts with group problem solving
Awards and Honors	 Teacher Ranked as Excellent by Students, UIUC Travel Award, ACM FAccT Lifetime Teaching Assistant Award, UIUC Graduate Student Outstanding Ambassador Awar Conference Presentation Funding Award, UIUC NSF GRFP Honorable Mention Computer Science Excellence Fellowship, UIUC Full Tuition Scholarship, Pitt 	Summer 2024 2024 Spring 2024 2024 2024 2022 2020-2021 2016-2020
Leadership and Service	Reviewer for: ACM KDD 24 ACM WebConf 24 ACM WWW 22 Vice President: CS Graduate Student Organization Outreach Coordinator: GradSWE Technology Volunteer: Urbana Free Library Secretary: CS Graduate Student Organization Committee Member: CS Graduate Study Committee Mentor: GradSWE	Aug 2024 - Present May 2022 - Present Jan 2022 - Present Aug 2022 - May 2024 Oct 2021 - Aug 2022 Sept 2021 - Aug 2022
Skills	Programming : Python, Java, SQL, MATLAB, R.	