Sidharth Satya

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Education	**Brown University**	Providence, RI
	Ph.D.,Economics	2024-Present
	University of California, Berkeley	Berkeley, CA
	B.A., Economics (Honors) & Computer Science	2017 - 2021

Publications

"Soft Actor-Critic Solution to a Security Game with Deception and an Informant" with Jinhong Guo, Martin Hofmann, Carter Veldhuizen, and Valerie Champagne
26th International Command and Control Research and Technology Symposium, 2021

Works In Progress

"Streaming Services and Multilevel Conversion Journeys" with David M. Rothschild and Elad Yom-Tov

"The Role of Memory in Beliefs Formation" with Markus M. Möbius, Lukas Bolte, Tanya S. Rosenblat, and Pierre-Luc Vautrey

Research Experience

Research Assistant for Dr. Markus Mobius (Microsoft Research)	2022-2024
Research Assistant for Dr. David M. Rothschild (Microsoft Research)	2022-2024
Research Assistant for Dr. Eleanor Dillon (Microsoft Research)	2023-2024
Research Assistant for Dr. Nicole Immorlica (Microsoft Research)	2023
Research Assistant for Dr. Bar Light (Microsoft Research)	2023
Research Assistant for Dr. Brendan Lucier (Microsoft Research)	2022-2023
Research Assistant for Dr. Alex Slivkins (Microsoft Research)	2022-2023
Research Assistant for Dr. Jimmy Narang (UC Berkeley)	2020-2021

Professional Experience

Data Analyst, One Drop	2021-2022
ML Research Intern, Lockheed Martin Advanced Technology Labs	2020
ML Research Intern, Lockheed Martin Advanced Technology Center	2019

Awards

Brown Graduate Fellowship	2024
Honors in Economics, awarded by UC Berkeley	2021

Skills

Programming Languages: Python, R, SQL, C#, Java, Stata, HTML/CSS, Javascript
Technical Tools: Git, Excel, Tableau/Looker, Snowflake, dbt, LaTeX

Last Updated: March 2025