

CV

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Education

- phd, computer science, carnegie mellon university, 2011-2016
- b tech, computer science, , 2007-2011

Work

- assistant professor, computer science, university of toronto, -2017
- postdoctoral fellow, , harvard university, 2016-2017
- assistant professor, computer science, theory group, -
- postdoctoral fellow, computer science, bengurion university, 2021-2021
- research scientist, , bengurion university, -
- faculty affiliate, , reisman institute, -2020
- faculty affiliate, , vector institute, -2019
- umpire, , media ltd, -2022
- messenger, , elite group, -2019

Publications

- paradox between perspectives of reverse auction process for allotment of solar pv projects in india, 2020
- spliddit, 2017
- chainless bicycle, 2020
- reverting to simplicity in social choice, 2019
- introduction to editorial board member: professor paula t. hammond, 2018
- fair division with subsidy, 2019
- hypothyroidism: a reversible cause of heart failure, 2016
- deriving ransomware formulation complexity and compromisation topology, 2022

- electrodeposition of silicon (si) from ionic liquid at room temperature (for ewt solar cell), 2017
- the effect of strategic noise in linear regression, 2021
- formulating operating system anonymization by monolithic keyring subsystem fabrication, 2022
- reliability weighted voting games, 2013
- smart electric meter using lora protocols and lot applications, 2018
- neutrality and geometry of mean voting, 2014
- participatory budgeting: models and approaches, 2020
- abstract #1137: hypothyroidism: a reversible cause of heart failure, 2016
- anatomizing relay disintegration and hop operations of tor, 2022
- can we predict the election outcome from sampled votes?, 2020
- fair and efficient resource allocation with partial information, 2021
- abstract #702: an uncommon case of disseminated coccidioidomycosis associated with hypercalcemia, 2015

Courses

- 2022 spring csc2556 algorithms for collective decision making course page
- 2021 spring csc2556 algorithms for collective decision making course page
- 2017 fall csc2420 algorithm design analysis and theory cotaught with allan borodin course page
- 2020 fall csc373 algorithm design analysis complexity course page
- 2020 spring csc2556 algorithms for collective decision making course page
- 2018 spring csc2556 algorithms for collective decision making course page
- 2017 fall csc304 algorithmic game theory and mechanism design course page
- 2019 fall csc304 algorithmic game theory and mechanism design course page
- 2019 fall csc373 algorithm design analysis complexity course page
- 2021 fall csc373 algorithm design analysis complexity course page
- 2019 spring csc2556 algorithms for collective decision making course page
- 2018 fall csc304 algorithmic game theory and mechanism design course page

Awards

- 2016 victor lesser distinguished dissertation award the international foundation for autonomous agents and multiagent systems ifaamas awarded annually to the best dissertation in the area of autonomous agents or multiagent systems more information ifaamas awards harvard news

- 2007 indian national mathematics olympiad cleared along with 5 other students from my year more information about the competition [problem set](#)
- 20132014 hima and jive graduate fellowship carnegie mellon university awarded annually to one international student in the school of computer science
- 2014 facebook graduate fellowship facebook inc annually awarded to selected graduate students conducting promising and innovative research more information [fellowship program](#) [fellows a weird direct link to my fellow page](#) [cmu news](#)
- 2020 ais 10 to watch iee intelligent systems awarded biennially to 10 young ai scientists with outstanding achievements more information [official announcement](#)
- 2011 presidents gold medal iit bombay awarded annually to the top student across all programs in the graduating class at iit bombay more information [news article](#)