

# Ben Cookson

GRADUATE STUDENT · UNIVERSITY OF TORONTO

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## Education

### University of Toronto

PHD COMPUTER SCIENCE

• Advisors: Allan Borodin and Nisarg Shah

Toronto, Ontario, Canada

Jan 2025 - May 2028

### University of Toronto

MSc COMPUTER SCIENCE

• Advisors: Allan Borodin and Nisarg Shah

Toronto, Ontario, Canada

Sept 2023 - Jan 2025

### University of New Brunswick

BACHELOR OF COMPUTER SCIENCE

• GPA: 4.3/4.3

Fredericton, NB, Canada

Sept 2018 - May 2023

## Publications

Full versions of all papers can be found at [bcookson.github.io](https://bcookson.github.io)

### CONFERENCE PAPERS

- C1. **Temporal Fair Division**, Benjamin Cookson, Soroush Ebadian, Nisarg Shah, in Proc. of 39th Annual AAAI Conf. on Artificial Intelligence (AAAI'25), 2025. (Vol. 39, No. 13, pp. 13727-13734)
- C2. **Constrained Fair and Efficient Allocations**, Benjamin Cookson, Soroush Ebadian, Nisarg Shah, in Proc. of 39th Annual AAAI Conf. on Artificial Intelligence (AAAI'25), 2025. (Vol. 39, No. 13, pp. 13718-13726)
- C3. **Fairly Stable Two-Sided Matching With Indifferences**, Benjamin Cookson, Nisarg Shah, in Proc. of Twenty-Sixth ACM Conference on Economics and Computation, 2025 (pp. 1130-1130)
- C4. **Unifying Proportional Fairness in Centroid and Non-Centroid Clustering**, Benjamin Cookson, Nisarg Shah, Ziqi Yu, in Proc. of The Thirty-Ninth Annual Conference on Neural Information Processing Systems, 2025 (Forthcoming)
- C5. **Fairness Perceptions of Large Language Models**, Benjamin Cookson, Soroush Ebadian, Nisarg Shah, in Proc. of 40th Annual AAAI Conf. on Artificial Intelligence (AAAI'26), 2026. (Forthcoming)

## Professional Experience

- 2023-2025 **Research Assistant**, University of Toronto  
2023-2025 **Graduate Teaching Assistant**, University of Toronto  
2022-2023 **Cybersecurity Student Researcher**, National Research Council Canada  
2020-2023 **Software Developer Intern**, IBM Canada

## Awards, Fellowships, & Grants

- 2025-2026 **SRI Graduate Fellow**, Schwartz Reisman Institute for Technology and Society \$ 7500  
2023-2025 **Ontario Graduate Scholarship**, Government of Canada \$ 30,000  
2023 **Lieutenant-Governor of New Brunswick Silver Medal**, University of New Brunswick  
**Govind and Lakshmi Gujar Computer Science Prize**, University of New Brunswick \$ 1,000

## Teaching Experience

2024, 2025	<b>CSC373 - Algorithm Design, Analysis and Complexity</b> , Teaching Assistant	<i>UofT</i>
2024	<b>CSC240 - Enriched Introduction to the Theory of Computation</b> , Teaching Assistant	<i>UofT</i>
2023	<b>CSC110 - Foundations of Computer Science I</b> , Teaching Assistant	<i>UofT</i>

## Professional Service

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**Journal Reviewer For:** ACM Transactions on Economics and Computation (TEAC), Games and Economic Behavior (GEB), Algorithmica, Artificial Intelligence (AIJ)

**Conference Reviewer For:** AAAI 2026, FAccT 2025