Hazem Ibrahim

⊙ New York University   ✉ hazem.ibrahim@nyu.edu   ◆ Google Scholar   🔗 Website

🎓 Education

New York University
PhD Computer Science
GPA: 4.0

09/2023 – present
New York, United States

University of Toronto
MSc Computer Science
GPA: 3.93

04/2020
Toronto, Canada

New York University Abu Dhabi
BSc Computer Engineering
Magna Cum Laude
GPA: 3.88

05/2018
Abu Dhabi,
United Arab Emirates

🏅 Awards

Best Parallel Talk and Best Poster Awards ⧉
International Conference on Computational Social Science (IC2S2)

2024

Innovators Under 35 MENA ⧉
MIT Technology Review

2023

Founders Day Award
*New York University Abu Dhabi*

2018

📖 Publications

A Longitudinal Analysis of Racial and Gender Bias in New York Times and Fox News Images and Articles ⧉
[Under Review - TheWebConf (WWW) 2025]

Inclusive content reduces racial and gender biases, yet non-inclusive content dominates popular media outlets ⧉
*[Under Review - Nature Human Behaviour]*

Google Scholar is Manipulatable ⧉
[Under Review - Scientific Reports]
Received media coverage from **Nature** ⧉ and **Science** ⧉

Heritage Language Maintenance: The Case of Bangladeshi Immigrants in Canada
[Under Review - IxD&A]

YouTube's recommendation algorithm is left-leaning ⧉
PNAS Nexus

Perception, performance, and detectability of conversational artificial intelligence across 32 university courses ⧉
Scientific Reports
Received "Best Parallel Talk" award at IC2S2 in 2024.
Received media coverage from 160 different news outlets, including **Scientific American** ⧉ , **The Times** ⧉ , and **Nature Asia** ⧉

Rethinking Homework in the age of AI ⧉
IEEE Intelligent Systems

Big Tech dominance despite global mistrust ⧉
IEEE Transactions on Computational Social Systems
Received "Best Poster" Award at IC2S2 in 2024

I Tag, You Tag, Everybody Tags! ⧉
2023 ACM IMC

A Multithreaded and Re-convergent Aware Algorithm for Accurate Digital Circuits Reliability Estimation ⧉
IEEE Transactions on Reliability

Gamification in Online Educational Systems ⧉
International Conference on Higher Education Advances

💼 Professional Experience

Research Assistant
New York University Abu Dhabi

08/2022 – 08/2023

- Led multiple computational social science research projects on the ethical and behavioral dynamics of social media platform usage.

Associate Instructor - Computer Science
New York University Abu Dhabi

08/2020 – 08/2022

- Instructed introductory and advanced level courses with an average student evaluation of 4.8/5.0.
- Successfully designed, developed, and taught the lab component of the Computational Social Science course.
- Mentored and advised students with regards to their persual of post-graduate studies.

Teaching Assistant - Computer Science
University of Toronto

09/2018 – 04/2020

Software Engineering Intern
Facebook London

05/2017 – 08/2017

- Led a highly successful project to plan and integrate offline compatibility of online features available to advertisers.