Hazem Ibrahim

⊙ CS - Ph.D @ NYU   ✉ hazem.ibrahim@nyu.edu   ◆ Google Scholar

🎓 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

Innovators Under 35 — 2023
MIT Technology Review

PhD Global Fellowship — 2023
New York University Abu Dhabi

Full Graduate Scholarship — 2018
University of Toronto

Founders Day Award — 2018
New York University Abu Dhabi
Awarded to undergraduate students in the top 40% of their graduating class.

📖 Selected Publications

Google Scholar is Manipulatable
[Under Review - PNAS Nexus]

YouTube's recommendation algorithm is left-leaning
PNAS Nexus

Perception, performance, and detectability of conversational artificial intelligence across 32 university courses
Scientific Reports

Rethinking Homework in the age of AI
IEEE Intelligent Systems

Big Tech dominance despite global mistrust
IEEE Transactions on Computational Social Systems

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

Embedded Course Level Assessment for Effective Assessment of Program Learning Outcomes
8th International Conference on Higher Education Advances (HEAd'22)

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 — 08/2022 – 08/2023
New York University Abu Dhabi
- Leading multiple computational social science research projects on the ethical and behavioral dynamics of social media platform usage.
- Mentoring senior students in their capstone research projects.

Associate Instructor - Computer Science — 08/2020 – 08/2022
New York University Abu Dhabi
- 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 — 09/2018 – 04/2020
University of Toronto

Software Engineering Intern — 05/2017 – 08/2017
Facebook London
- Led a highly successful project to plan and integrate offline compatibility of online features available to advertisers.