Guy Aridor

August 2020

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Education

Ph.D. Economics, Columbia University, 2016-2022 (expected).
  Fields: Industrial Organization, Computational Economics, Behavioral Economics

M.Phil Economics, Columbia University, 2019

M.A. Economics, Columbia University, 2018.

B.A. Economics, Computer Science, Mathematics, Boston University, 2014
  College Prize for Excellence in Economics
  Honors in Economics, *summa cum laude*

Publications

1. The Perils of Exploration Under Competition: A Computational Modeling Approach
   (w/ Kevin Liu, Alex Slivkins, Steven Wu)
   20th ACM Conference on Economics and Computation 2019 (EC '19)

2. Deconstructing the Filter Bubble: Consumer Decision-Making and Recommender Systems
   (w/ Duarte Gonçalves, Shan Sikdar)
   14th ACM Conference on Recommender Systems 2020 (RecSys '20)

Working Papers

3. The Effect of Privacy Regulation on the Data Industry: Empirical Evidence from GDPR
   (w/ Yeon-Koo Che, Tobias Salz)
     Previously circulated as NBER Working Paper #26900,
     The Economic Consequences of Data Privacy Regulation: Empirical Evidence from GDPR

4. Competing Bandits: The Perils of Exploration under Competition
   (w/ Yishay Mansour, Alex Slivkins, Steven Wu)
     This paper subsumes *The Perils of Exploration under Competition: A Computational Modeling Approach*

5. Recommenders' Originals: Integrated Recommender Systems and Vertical Foreclosure
   (w/ Duarte Gonçalves)
     R&R at International Journal of Industrial Organization

6. Adaptive Efficient Coding: A Variational Autoencoder Approach
   (w/ Francesco Grechi, Michael Woodford)

Other

7. Training Data Poisoning in Imperfect Information Games
   (w/ Natania Wolansky, Jisha Jacob, Iddo Drori)

Conferences / Workshop Presentations

2020-2021: ACM Conference on Recommender Systems (scheduled)

2019-2020: FTC PrivacyCon (Online), World Congress of Game Theory (Budapest)*, Big Tech & Antitrust - Competition Policy in the Digital Age (Yale Law)*, Statistical Methods for Computational Advertising (BIRS)*, International Industrial Organization Conference (Drexel)*

2018-2019: ACM Conference on Economics and Computation (Phoenix), Young Economists Symposium (Columbia), Machine Intelligence Conference (MIT Media Lab)

(*) = Cancelled or Postponed due to COVID-19

Computer Science Workshops

ICML 2020 Workshop on Participatory Approaches to Machine Learning (Online)
ACM EC 2019 Workshop on ML in the Presence of Strategic Behavior (Phoenix)
2019 Annual Machine Learning Symposium (New York Academy of Sciences)

Academic Awards

PER Summer Research Fellow, Columbia University, 2018, 2020

Dean's Fellowship, Columbia University, 2016-

College Prize for Excellence in Economics, Boston University, 2014

Hariri Institute for Computing Summer Research Award, Boston University, 2013

Tuition Exchange Scholarship, Boston University, 2010-2014

Teaching

Columbia University

Data TA (Assist undergraduates with Econometrics / Programming), Spring 2018, Spring 2020

TA for Introduction to Econometrics: Simon Lee, Spring 2019

TA for Economic Growth and Development: Xavier Sala-i-Martin, Fall 2017

Work Experience

Software Engineer at HubSpot, 2015-2016

Software Engineer at Nutonian, 2014-2015

Co-founder at RequestNow, 2012-2014

Open Source Software

PlanOut.js (https://github.com/rawls238/PlanOut.js)

react-experiments (https://github.com/rawls238/react-experiments)

Scientist4J (https://github.com/rawls238/Scientist4J)

Research Assistant

Yeon-Koo Che (Columbia University, Economics), Fall 2019-

Tobias Salz (Columbia University, Economics), Summer, Fall 2018

Michael Woodford (Columbia University, Economics), Summer 2017

Henry Lam (Boston University, Mathematics), Summer 2013

Robert King (Boston University, Economics), Summer 2012

Summer School / Workshops

NBER Young Scholars Workshop on the Economics of Artificial Intelligence, 2018

Summer School on Cognitive Foundations of Economic Behavior, 2018

Miscellaneous

Nationality: Israel, United States

Programming Languages: Julia, Python, JavaScript, Java, C++, SQL, R, MATLAB, STATA

Human Languages: English (native), Hebrew (intermediate)

BattleHack Boston Winner / 3rd Place World Finals, 2014