Yonadav Shavit

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EDUCATION

HARVARD UNIVERSITY
PHD IN COMPUTER SCIENCE
Expected May 2023 | Cambridge, MA

MIT
M.ENG. IN COMPUTER SCIENCE
Received Sep 2017 | GPA: 5.0/5.0

MIT
B.S. IN COMP. SCI. & ELECTR. ENG.
Received June 2016 | GPA: 4.9/5.0

TEACHING

Algorithmic Fairness and Adaptive Data Analysis
Lead TA | Spring 2020

Introduction to Deep Learning
Guest Lecturer | Winter 2016

Introduction to Algorithms
Graduate TA | Fall 2016

HONORS

Commendation for Extraordinary Teaching
Harvard University | 2020

Assembly Fellow, Berkman Klein Center
Harvard Law School | 2018-19

1st Place, "Privacy Legislation in Practice: Law and Technology" Model Policy Competition
Georgetown Law School & MIT | 2017

Scholarship for Excellence in Research
EPFL | 2016

SELECT PUBLICATIONS

Causal Strategic Linear Regression
ICML 2020 | Lead Author

Extracting Incentives from Black-Box Decisions
NeurIPS 2019 Fin. Services Workshop

Learning Environment Simulators from Sparse Signals
DBLP 2017 | Master's Thesis

RESEARCH EXPERIENCE

GRADUATE RESEARCHER
Sep 2018 - Present | Harvard University
- Published multiple first-author papers in top machine-learning venues on policy-motivated computer science challenges including interpretable machine learning, differential privacy, and strategic classification
- Invited to be a visiting researcher at the Algorithmic Fairness Research Cluster at UC Berkeley's Simons Institute for Theoretical Computing

"ASSEMBLY" AI POLICY FELLOW
Oct 2018 - May 2019 | Berkman Klein Center, Harvard Law School
- Participated in a year-long program of speaker workshops and self-directed research on a cross-disciplinary exploration of AI's impact on society
- The 16 participants were drawn from 11 different Harvard schools, including the Law School, Kennedy School, Business School, and Divinity School
- Worked with an interdisciplinary team to produce an Automated Decision-Making Systems procurement playbook for municipal governments
- Presented joint work with philosophy researcher on algorithmic discrimination at Northeastern University's 17th Annual Information Ethics Roundtable

ECONOMICS OF MACHINE LEARNING RESEARCH ASSISTANT
May - Dec 2017 | MIT Sloan School of Management
- Collaborated with lab of Prof. Erik Brynjolfsson to study the potential short-term impact of supervised learning on the US economy
- Developed a rubric to predict the automatability of a given task through supervised learning

OTHER WORK EXPERIENCE

2015	Embedded Software Intern	Nest Labs, Alphabet Inc.
2014	Sensors Engineering Intern	Nest Labs, Alphabet Inc.

LEADERSHIP EXPERIENCE

CLIMATEVOICE
FOUNDING TEAM-MEMBER
Dec 2019 - Present | Part-time
- Joined Executive Director Bill Weihl, former Chief Sustainability Officer at Facebook, to launch a climate advocacy nonprofit
- Co-developed strategic vision for organizing high-skilled workers to push companies toward lobbying on pro-climate policies
- Established 5-person student outreach team, and represented ClimateVoice externally and on public panels
- Developing metrics to assess current state of climate lobbying by companies and identify high-impact areas to focus advocacy efforts

MIT INTER-DORMITORY COUNCIL
PRESIDENT
May 2015 - May 2016
- Led one of the primary student governments at MIT, responsible for the 60% of undergraduates living in dorms
- Managed and coached a team of 15 student officers and 11 dorm presidents
- Developed working relationships with executives throughout MIT, including the Chancellor and the Vice-President of Student Life