

Harold Triedman

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EDUCATION

Brown University **Providence, RI ▪ Class of 2020.5**

- Candidate for B.S. in Computer Science and B.A. in History, graduating in December 2020; GPA – 3.9/4.0
- Relevant coursework – Algorithms for the People, Computer Systems Security, Cryptography, Deep Learning, History of Privacy Policy, Theory of Computation

TECHNICAL EXPERIENCE

Algorithmic Recommendations Intern, The New York Times **New York, NY ▪ Jun – Aug 2019**

- Created a 5% increase in recipe click-through rate by independently conceptualizing, building, and validating new algorithmic approaches to recipe recommendation for 600,000+ NYT Cooking users. Worked with algorithmic and experimental design, production-scale data systems, and A/B testing.

Data Intern, New Hampshire Democratic Party **Remote ▪ Jun – Aug 2020**

- Directly shaped decision-making processes among party leadership by conceptualizing, deploying, monitoring, and assessing ML algorithms to order and prioritize tens of thousands of voter and volunteer calls among NH voters. Used BigQuery and Data Studio to build reports analyzing the effectiveness of the NHDP's campaign.

Researcher, ELVO Machine Learning Research **Providence, RI ▪ Jun 2018 – Jun 2019**

- Founding member of a [high-impact medical AI research team](#) studying automated diagnosis of large strokes using machine learning in order to decrease time to surgical intervention and improve patient outcomes. Contributed to a paper [published in Radiology](#), the leading journal in the field.

Head Teaching Assistant for CS for Social Change **Providence, RI ▪ Dec 2019 – May 2020**

- Hired staff, developed a CS ethics curriculum, and taught a [high-level course](#). Facilitated experiential learning partnerships with nonprofits and research groups. Leading investigative reporting project on the opioid crisis in RI.

IT and Data Security Consultant, Political Campaigns **Across the US ▪ Aug 2018 – Dec 2019**

- Boosted online audience size by 80% and protected digital assets as an aide on [Dan Feehan's congressional campaign](#) in the Minnesota 1st Congressional District, one of the most competitive races in the country. My focus was on organizational cybersecurity, data analytics and targeting, field organizing, and [social media content creation](#).
- Collaboratively helped develop and enact the IT and data security plan for Sunrise Movement. Admined Sunrise's GSuite, led a threat analysis audit, and helped oversee digital security upgrades for 100+ staff and volunteers.

LEADERSHIP and ENGAGEMENT

Ethics Teaching Assistant Program **Providence, RI ▪ Jun 2019 – Jun 2020**

- Co-wrote and designed an ethically-engaged curriculum for a 370-person deep learning class for [Brown's Responsible CS program](#). Conducted research on program effectiveness, resulting in policy recommendations for the 2020-21 school year and a paper to be published in the [SIGCSE Technical Symposium 2021](#).

Friday Night Jews **Providence, RI ▪ Jan 2017 – Current**

- One of the leaders of a grassroots Brown University Jewish group that facilitates conversation across the political spectrum, and also [organizing a national network](#) of similar independent groups. Led a small team of students to self-fund and [put on a conference](#) for over 120 Jewish students from across the country in September 2019.

Brown Journal of History **Providence, RI ▪ Jan 2017 – Jun 2018**

- Senior Editor on the 2018 publication of the Brown Journal of History. [Paper](#) on the intersections of rap music, racism, and history selected out of 50 applicants and published in Brown's undergraduate history journal (2017)

The College Hill Independent **Providence, RI ▪ Jan 2018 – Current**

- Writer for *The College Hill Independent* – published reporting on [Providence's tax laws](#), [China's Social Credit System](#), and [ecological concerns in Narragansett Bay](#).

RELEVANT SKILLS and INTERESTS

- Technical proficiencies: Python, Golang, C, Google Cloud, BigQuery, Docker, data viz tools, applied cybersecurity
- Language proficiencies: Mandarin Chinese and Spanish
- Research proficiencies: critical reading and writing; experimental design; interviewing and data journalism
- Other Interests: Music, specifically jazz and classical piano; racial and economic social justice; long-distance running