

MAHIMA AGRAWAL

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EDUCATION

Columbia University Mailman School of Public Health

M.P.H. in Population and Family Health, GPA: 4.07/4.00

New York, NY

2024-2026

Columbia University School of Professional Studies

M.S. in Bioethics, GPA: 4.05/4.00

New York, NY

2024-2026

Tufts University

B.S. in Computer Science, Community Health, GPA: 3.73/4.00

Medford, MA

May 2020

PROJECTS

Examining Bias in Machine Learning Tools for the Diagnosis of Attention-Deficit/Hyperactivity Disorder

Undergraduate Thesis at Tufts University

May 2020

- An analysis of machine learning applications for ADHD diagnosis through Social Determinants of Health and algorithmic fairness principles.

Psychosocial Interventions for Treatment Adherence among People Living with HIV/AIDS

Research Poster at National Institutes of Health, Clinical Center

Aug 2018

- A literature review of various modalities to address treatment non-adherence and non-compliance of care among people living with HIV/AIDS with a focus on psychosocial factors such as social support, mental health, and health literacy.

PROFESSIONAL EXPERIENCE

No Tech for Apartheid

New York City, NY

Worker Organizer

Jan 2024-Present

- Mobilize with coworkers, peers, and technologists to build a rank-and-file labor movement demanding the end of Google and Amazon's Project Nimbus contract which supplies cloud and AI technology to militaries enacting apartheid and genocide in the Occupied Palestinian Territories.
- Develop and conduct teach-ins for organizations, students, and advocacy groups with a focus on political education and movement strategy.
- Draft speeches, press statements, and opinion pieces on behalf of the campaign, advocating against partnerships between tech corporations, military industries, and surveillance groups.

Surveillance Technology Oversight Project (S.T.O.P.)

New York City, NY

Research Intern

Jun 2025-Aug 2025

- Reviewed case law, independent reporting, and policing data to develop a series of literature reviews on the use of surveillance tools by immigration enforcement agencies, police forces, and private companies in violation of civil liberties.
- Co-authored research papers on abortion surveillance, immigration technology, and protest surveillance with an emphasis on policy analysis.

Centro de Investigación en Sociedad y Salud (CISS)

Santiago, Chile

Data Analyst Intern, Protest Movements

Jun 2025-Aug 2025

- Developed a methodology to address data inconsistency across 28,000 data entries in the Centro de Estudios de Conflicto y Cohesión Social (COES) 2008-2020 Protest Events dataset.
- Utilized Stata, R, and Excel to conduct preliminary protest event analysis (PEA) on No Más AFP, Pingüino, and feminist movements of Chile.

Google

San Francisco, CA

Software Engineer at Fitbit, L4

June 2021-April 2024

- Redesigned and implemented database and API suites across Fitbit's SaaS mobile and web application for the menstrual health tracking feature in order to increase ease of period tracking, symptom logging, and education on users' menstrual health journey.
- Strengthened data ownership in response to the May 2022 leak of the *Dobbs v. Jackson* decision, deploying an API to increase 12 million active users' ability to delete and monitor sensitive data before the formal strike down of *Roe v. Wade* by the Supreme Court in June.
- Established best practices for trans-inclusionary language and product development across menstrual health and pregnancy features.

Software Engineer at Google Health, L3

July 2020-May 2021

- Developed 2 API suites across C++ and Java to integrate a personal health planning and program feature into a piloted health care management mobile application. Supported real time data retrieval, writing, and editing behaviors as well as pagination and batch actions.
- Led the team's internship program, mentoring 3 interns directly and facilitating project development for 7 interns across 2 summer sessions.

Medical Legal Partnership Boston

Boston, MA

Legal Intern

Aug-Dec 2019

- Reviewed case law to support patient consultations with a focus on state level criminal proceedings as well as family medical leave policy.
- Represented MLPB at sector conferences, attending information sessions on immigration law, housing law, and advocacy efforts.

National Institutes of Health, Clinical Center

Bethesda, MD

Research Intern

June 2018 - Aug 2018

- Completed clinical trial research within the Social Work Department regarding treatment adherence, mental health, and the prevalence of drug resistance to HIV, presenting a poster summarizing my findings at the end of the program.
- Conducted qualitative interviews with trial participants, study coordinators, and nurses on their experiences with the HIV treatment process.

SKILLS

Relevant Coursework: Databases, Data Science I, Health and Human Rights Law, Immigrant Health, Race and Bioethics, Quant Data Analysis

Programing Languages/Software: C, CSS, C++, Dart, HTML, Java, Javascript, Kotlin, Python, R, SPSS, SQL, Stata, Swift