

Aviva Weinbaum

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Education	Barnard College, Columbia University; New York, NY – 2018-2022 B.A. Computer Science, expected 2022 GPA: 3.9, Dean's List all semesters eligible Relevant coursework: Programming Languages & Translators, Data Visualization, Privacy in Networks	
Experience	Momentive, San Mateo, CA (Remote) — Summers 2020 & 2021	Software Engineering Intern
	Formerly SurveyMonkey. Joined Audience product team in 2020, developing market research platform. Built panel configuration page in new web platform to improve accessibility and load time up to 70%, using React and GraphQL. Joined User team in 2021 using React, GraphQL, and Python to improve user account interactivity and accessibility.	
	Planned Parenthood, San Antonio, TX — Winter 2020-Present	Data Engineer & Analyst
	Created dashboards with data visualizations related to PPST's patient transactions and cost policies, including visit volume and revenue per clinic, for the PPST Board of Directors to use to devise ways to improve their reproductive health services.	
	Barnard College, Columbia University, New York, NY — Fall 2019-Present	TA/RA
Projects	- Selected to be a Teaching Assistant for Columbia University's Computing in Context course, and previously served as a TA for Data Structures & Algorithms and Introduction to Data Visualization. - Responsible for ensuring safety and wellbeing of 70 residents and running building-wide programming.	
	National Institutes of Health, Washington DC (Remote) — Fall 2020	Software Engineering Fellow
	Selected for Fall 2020 cohort of the Civic Digital Fellowship. Joined the All of Us research program, and built data pipelines to efficiently intake electronic health records as well as EPA and Fitbit data for over 1 million participants. Used Java, Apache NiFi and Maven, and Python.	
	Girls Who Code, Philadelphia, PA — Summer 2019	Instructor
	Taught 7-week Summer Immersion Program hosted at PwC in Philadelphia. Curriculum included Data Science, Web Development, and Robotics, and emphasized social justice and gender equity in tech	
Projects	Period. — Fall 2021	
	Built mobile app to connect Columbia University students with menstrual products on the go. Completed extensive user research and design iterations before building app. Currently working to secure VC funding to expand the app to an estimated 6,000 users in the next 6 months.	
	MTA + COVID-19 – Spring 2020	
Leadership	Researched the impact of the COVID-19 pandemic on New York City MTA subway usage, and whether socioeconomic status had a significant impact on the relative decline of subway usage in different neighborhoods. Produced a series of interactive data visualizations using D3 to show correlation.	
	Application Development Initiative — Fall 2018-Present	Executive Committee Member
	ADI is Columbia's student group dedicated to technology and CS. Committee Member duties have included organizing DevFest (Columbia's weeklong hackathon/learnathon) and the Startup Career Fair, and coordinating Harlem Labs (CS education for Harlem high school students).	
Skills	Ultimate Frisbee – 2011-Present	Teammate and Captain
	Current captain and team member, Columbia Women's Ultimate A Team. D-I Freshman of the Year in the Metro East region. Former captain of high school Varsity as well as regional club teams.	
	Technologies Python, Java, React, D3, HTML/CSS, JavaScript, GraphQL, SQL, C/C++	Languages Fluent in Spanish, some French