

Aviva Weinbaum

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Education	<p>Barnard College, Columbia University; New York, NY – 2018-2022 B.A. Computer Science, expected 2022 GPA: 3.9, Dean's List 2018-2019, Fall 2019 Relevant coursework: Data Structures, Advanced Programming, Data Visualization</p> <p>Amherst Regional High School; Amherst, MA – 2014-2018 GPA: 4.0, Honor Roll every semester</p> <p>Amherst College; Amherst, MA – Fall 2017 Multivariable Calculus, Spanish Conversation. GPA: 4.0</p> <p>University of Massachusetts Amherst; Amherst, MA – Spring 2018 Economics and Ethics. GPA: 4.0</p>	
Experience	<p>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 rebuilt data pipelines to efficiently intake electronic health records. Used Java, Apache NiFi and Maven, and Python.</p>	
	<p>SurveyMonkey, Portland, OR (Remote) — Summer 2020 Software Engineering Intern Joined Audience product team, 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.</p>	
	<p>Barnard College, New York, NY — Fall 2019-Present Peer Tutor, Resident Assistant - Selected to be a Peer Tutor for Barnard's General Chemistry I and Columbia's Introduction to CS Programming in Java and Data Structures & Algorithms - Responsible for ensuring safety and wellbeing of 50 residents, and running building-wide programming</p>	
Projects	<p>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</p>	
	<p>MTA + COVID-19 – Spring 2020 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 and data from several sources to show correlation.</p> <p>Columbia LionBot — Spring 2019 Contributed to open source Messenger bot with engineering team. Added features to make information about Columbia/Barnard accessible. Used Facebook for Developers, Dialogflow, and Python.</p>	
Leadership	<p>Application Development Initiative — Fall 2018-Present Executive Committee Member ADI is Columbia's student group dedicated to technology and CS. Committee Member duties include organizing DevFest (Columbia's weeklong hackathon/learnathon) and the Startup Career Fair, and coordinating Harlem Labs (CS education for Harlem high school students).</p>	
	<p>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.</p>	
Skills	<p>Languages and Technologies Python, Java, React, D3, HTML/CSS, JavaScript, SQL, C/C++, Git, Linux</p>	<p>Languages Fluent in Spanish, some French</p>