Aaron Kanzer

Boston, MA • US citizen • 774-238-8158 • aaronkanzer@gmail.com • aaronkanzer.github.io

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Education

Northeastern University	**Boston, MA**
Masters of Science – computer science, *concentration in artificial intelligence*	**May 2020**

Northeastern University	**Boston, MA**
Bachelors of Science – economics and political science, *magna cum laude*	**May 2016**

Technical Skills

Programming Languages: Expertise in Python, Java and Typescript/Javascript
Statistics / Math: Regression analysis, machine learning techniques, algorithmic analysis
Data Visualization / Analysis: Microsoft Excel, RStudio, numpy, pandas, sklearn, Tableau, plot.ly, D3.js
Other: git, Photoshop/Figma, SEO, website management, online advertising

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Professional Experience

Broad Institute of MIT & Harvard, Senior Software Engineer   **Oct 2022 - Present**
• Contributed to open-source genomics software initiative with Microsoft and Google engineers
• Produced systems for managing large amounts of scientific data for 25K+ researchers

PathAI, Software Engineer, Clinical Integration & Site Reliability   **May 2019 - Oct 2022**
• Facilitated ingestion and queuing of large-scale data for algorithmic and ML-related analysis via Python
• Led full-stack engineering onboarding, mentored interns, and conducted interviews for senior-level applicants

Northeastern University Business Analytics Dept., Research Assistant   **June 2018 – April 2020**
• Conducted study groups related to forecasting, regression analysis, and database design
• Served as lead teaching assistant for MBA-level Business Analytics & Info Visualization courses

2016 Democratic Nominee for Massachusetts State Representative, 2nd Barnstable District
• At the age of 21, received 45% of votes cast in 2016 general election, winning 4 of 11 total precincts
• Won Democratic Primary with 60% of votes cast against chairwoman of Barnstable School Committee
• Raised $20K+ and managed team of volunteers to knock on more than 15,000 doors in 5 months

MBTA, Policy Aide, Office of the General Manager   **Jan. 2014 - Dec. 2014**
• Conducted economic studies on inventory and service-related issues
• Produced demand forecasting and process mapping analyses for procurement-related operations

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Other

Boston Red Sox - Green Monster Scoreboard Operator (2017 – Present)
Boston Healthcare Program for the Homeless Emerging Leaders Board (2022 - Present)
Greater Boston Food Bank "Kitchen Cabinet" Young Professionals Group (2020 - Present)
Town of Barnstable Housing Committee - Appointed Member (2015-2018)
United Nations Institute for Disarmament Research - Research Sponsorship, UN Offices in Geneva (2013)