

Aaron Kanzer

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Education

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

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

Technical Skills

Programming Languages: Expertise in Python, Java and Typescript/Javascript

Infrastructure / DevOps: Docker, Kubernetes, Troposphere, Helm, Vault, Terraform, nginx

Data Visualization / Analysis: Microsoft Excel, RStudio, numpy, pandas, sklearn, Tableau, plot.ly, D3.js

Other: git, Photoshop/Figma, fluency with AWS, Azure and GCP cloud providers, serverless architecture

Professional Experience

Massachusetts Institute of Technology, Senior Software Engineer **Oct 2023 - Present**
McGovern Institute of Brain Research

- Founding full-stack engineer on LINC NIH grant: <https://connects.mgh.harvard.edu/>
- Assisted postdocs and doctoral students on relevant cognitive neuroscience research
- Added contributions to open-source software for voxel visualization software

Broad Institute of MIT & Harvard **Oct 2022 - May 2023**

- Contributed to genomics software initiative with Microsoft and Google engineers
- Managed infrastructure for large amounts of scientific workflows 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
- Cross-coordinated with ML, product, and regulatory teams to prepare applications for FDA submissions

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

Other

Boston Red Sox - Green Monster Scoreboard Operator (2017 – Present)

Boston Healthcare Program for the Homeless Emerging Leaders Board (2022 - Present)

Town of Barnstable Housing Committee - Appointed Member (2015-2018)

MBTA - Policy Aide, Office of the General Manager (2014)

United Nations Institute for Disarmament Research - Research Sponsorship, UN Offices in Geneva (2013)