

Aaron Kanzer

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Education

Northeastern University

Masters of Science – computer science, *concentration in artificial intelligence*

Boston, MA

May 2020

Northeastern University

Bachelors of Science – economics and political science, *magna cum laude*

Boston, MA

May 2016

Technical Skills

Languages: Expertise in Python and Typescript/Javascript, knowledge of C++, Java, bash, Go

Web Frameworks / Databases: VueJS, Django, SQLAlchemy, Node, PostgreSQL, MongoDB

Infrastructure: Docker, Kubernetes, Helm, Troposphere, Kafka, nginx, Celery, RabbitMQ, ELK stack

Data Viz / Analysis: numpy, pandas, sklearn, Tableau, plot.ly, D3.js

Other: git, package management via poetry& Sonatype, Photoshop/Figma for UI dev.

Professional Experience

PathAI, Software Engineer, Clinical Integration & Site Reliability

May 2019 - Present

- Facilitated ingestion, queuing, and handling of large-scale files and data for algorithmic analysis and inference
- Cross-coordinated with ML, product, and regulatory teams to prepare applications for FDA submissions
- Contributed to PaaS projects via IaC to automate resource provisioning for QA, staging, and production envs.
- 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

- Researched emerging technologies and trends for MBA curriculum development
- 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
 - Wrote automated scripts to consistently monitor key performance indicators across the organization
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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)