Jacob Coblentz

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Education

Massachusetts Institute of Technology   **Cambridge, MA**
Graduate Coursework in Statistics,   *2017-2018*

The George Washington University   **Washington, DC**
B.S. In Mathematics, Minor in Political Science,   *2013–2017*

Experience

Elizabeth Warren For President   **Charlestown, MA**
Special Projects Analyst,   *November 2019-Present*

- Estimated effects from various experiment to increase support.
- Ran simulations to forecast resource allocation.
- Created universes for targeting and canvassing.

Clarity Campaign Labs   **Washington, DC**
Analyst,   *May 2019-October 2019*

- Used statistics estimate the effect of various laws on voting.
- Designed, administered, weighted, and evaluated surveys and polls for various candidates and issue groups.
- Assisted with creation of support and persuasion models.

Massachusetts Institute of Technology Election Data and Science Lab   **Cambridge, MA**
Senior Research Support Associate,   *June 2017-April 2019*

- Wrote scripts to scrape, parse and clean precinct-level election results.
- Organized and cleaned data for the Election Performance Index.
- Created and maintained data sets related to voting (including voter files), using a combination of Python, SQL and Shell Scripting.
- Conducted statistical analysis for academics in order to further their research.

Catalist, LLC   **Washington, DC**
Analytics Intern,   *May 2016–November 2016*

- Conducted research about the demographics of early voters and first-time registrants in the 2016 election cycle, resulting in media exposure for Catalist.
- Created a model to predict support for a relevant issue.
- Validated and scored statistical models.

Volunteer Experience

Data For Progress   **Cambridge, MA**
Senior Advisor,   *May 2018-Present*

- Contributed statistical analysis to blog posts
- Evaluated voter contact programs.

Conference Papers

- Jaffe, J., Stewart, C. & Coblentz, J.(2018, July). *Modeling Voting Service Times with Machine Logs*. Paper presented at the Election Sciences, Reform and Administration Conference, Madison, WI.

Computer skills

Programming Languages: C++, Python, Perl

Statistical Packages: R, Stata, SPSS, Stan

GIS: ArcGIS, QGIS, PostGIS, Various GIS packages for R and Python

Database: SQL (Both PostgreSQL and MySQL)

Other: Excel, *NIX and Git, Catalist and Targetsmart suites of products, Tableau