

# Nathan Feldman

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## Summary of Qualifications

Full-stack software engineer specializing in the MERN (Mongo, Express, React, Node) technology stack to build web applications and similar products. I have used my mathematical and computational background in many fields from software development and testing to quantitative policy analysis.

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## Education

### Master of Public Policy

University of Maryland, College Park

Policy Interests: International Development, Quantitative Policy Analysis

College Park, MD

August 2021

### Bachelor's of Science, Mathematics

University of Maryland, College Park

Minor: Computer Science

College Park, MD

May 2017

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## Web Development Experience

### General Assembly

Remote

Software Engineering Immersive Fellow | Full-Time Fellowship

June 2021 - September 2021

- Built three full-stack applications over the course of twelve weeks using the MERN technology stack
  - [Connect Four](#): A live site allowing users to play the classic game
  - [Virtuoso](#): A social media website tailored for musicians
  - [Tic-Tac-Toe](#): A front-end single-page application where users can play tic-tac-toe

### School of Public Policy, University of Maryland

College Park, MD

Graduate Assistant Researcher | Part-time Internship

June 2018 - May 2019

- Developed multiple web pages for School of Public Policy to increase information accessibility to students. Used HTML and CSS in a [public-facing website](#) to present student Capstone projects.
- Reviewed eight thousand studies for inclusion in a systematic review of early childhood education outcomes.

### RDA Corporation

Baltimore, MD

Software Engineer | Full-Time Employment

August 2017 - February 2018

- Built a demonstration portal for RDA Corporation clients to purchase technical products using HTML, CSS, JavaScript, and Bootstrap.

### Northrop Grumman Corporation

Annapolis Junction, MD

Software Engineer | Full-Time Internships

Summers 2015 - 2016

- Built exhaustive JUnit Tests to ensure code was built correctly for two teams.
- Participated in the Agile development lifecycle to merge code into development.

- Led team to second place in annual Summer Intern Challenge designing onboarding portal for new interns. Coordinated meetings, built sample displays, designed user stories, and prepared presentation notes for the design of a new company interface.

**Human Language Technology Center, Johns Hopkins University**

**Baltimore, MD**

Research Assistant | Full-time Internship

June 2014 - August 2014

- Built display for computational linguistics research for graduate team using HTML, CSS, JavaScript.
- Led a presentation using the team's displays for the University of Maryland Department of Mathematics Directed Reading Program to demonstrate increased understanding of graph theory.
- Volunteered for the annual Association of Computational Linguistics summer conference in Baltimore.

**Data Analytic Experience**

**Wildlife Trust of India**

**(Remote) New Delhi, India**

Consultant, Graduate Capstone Project | Part-time Partnership

September 2019 - January 2021

- Designed four surveys for the Wildlife Trust of India to evaluate participants in a Tiger conservation program and gauge possibilities for the expansion of the program, conducted with over 100 participants.
- Organized data from these surveys to view trends and gauge willingness of villagers, in particular women, to take part in the Tiger conservation efforts.

**National Security Agency**

**Fort Meade, MD**

Research Assistant | Full-Time Internship

June 2013 - August 2013

- Modeled mathematics problems relevant to a National Security Agency's research team. Information was gathered using Python and R to model and compute statistics on graphical data.

**Skills**

Portfolio projects built with HTML, SCSS, JavaScript, React, Express API, MongoDB, JQuery, AJAX, Bootstrap, NodeJS

Masters-level experience with R, R Studio, Data Analysis

Proficient with Microsoft Office Suite (Word, Excel, Powerpoint, Outlook), Git, GitHub