

Erin Melly

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Analyst with advanced quantitative skills and a passion for equitable, evidence-based policy

Top Skills

Stata, Python, GitHub, Microsoft Suite, Salesforce, data cleaning, data visualization, regression and statistical analysis, randomized control trials, survey design, project management, political outreach

Education

Candidate for Master of Public Policy (MPP), Expected 2022

Frank Batten School of Public Policy and Leadership at the University of Virginia

GPA: 3.9

B.A. Economics, Sustainable Development 2018

Columbia University

GPA: 3.58

Professional Experience

University of Virginia

Graduate Research Assistant

8/2020 – Present

- Performed data cleaning, analysis and visualization on sanitation privatization programs in Senegal and Ghana, directed by Professor Molly Lipscomb

Virtual Student Federal Service Internship (USAID)

Intern, Philippines and Pacific Island Region

9/2020 – 3/2021

- Implemented statistical modeling of the potential impact of program activities on socioeconomic outcomes tracked by USAID in the Pacific Island Region
- Conducted a gender analysis of the impact of COVID-19 on women
- Analyzed internal Diversity, Equity and Inclusion survey for region management

American Enterprise Institute

Research Associate

7/2019 – 7/2020

Research Assistant

6/2018 – 6/2019

- Empirical research in tax policy, paid family and medical leave, and labor economics
- Collected and analyzed data using Stata, Python, Excel and an open-source tax policy microsimulation model
- Project management of bipartisan initiative on paid family leave, joint with Brookings Institution

Columbia Business School

Research Assistant

5/2017 – 6/2018

- Designed and implemented surveys and IRB-approved randomized experiments

- Conducted regression analysis on the resulting data using Stata, for a working paper entitled, *The Effect of Communicating a Social-Political Stance on Employee Motivation: Field Experimental Evidence from Online Labor Market Platforms*

University of Wisconsin-Stout LAKES Program

Undergraduate Researcher

6/2016 – 8/2016

- Created and disseminated surveys; merged administrative and environmental data
- Developed a hedonic model assessing the impact of water pollution on housing prices
- Presented research at the National Conference for Undergraduate Research (NCUR) and published an Op-Ed

Leadership and Service Experience

America Reads Tutor, *First Grade Tutor*

2020 – Present

The Haven Homeless Shelter, *Volunteer*

2020 – Present

Columbia University Cross Country and Track and Field, *Captain*

2014 – 2018

College Mentors for Kids: Columbia University Chapter

2014 – 2016

Honors and Recognition

King's Crown Leadership Excellence Award: Indelible Mark, Columbia University, 2018

Columbia University 4.0 Club, 2018

Columbia University Dean's List, 2016 & 2018

NCAA Division I Academic All-American Athlete, 2016-2018

Cross Country Ivy League Champion, 2017