

Charlotte McClintock

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PROFILE

I'm a third year undergrad at the University of Virginia, studying applied statistics, human behavior, politics, and public policy, and passionate about using data to understand complex problems and improve access to opportunity and outcomes for marginalized communities, looking to use analytical tools to inform policy and strategy.

WORK EXPERIENCE

Lead Researcher, *Public Interest Data Lab*

January 2018 – Present

- Analyzed confidential foster care data, modeled disparity in outcomes, created visualizations of racial disproportionality, and communicated findings to the Charlottesville Department of Social Services.
- Report led to substantive internal policy changes to address inequalities uncovered by our analysis.
- Analysis in R, report in LaTeX. More project details in my portfolio at the link above.

Summer Data Fellow, *Shift Research Lab*

May 2018 – August 2018

- Asked to develop an interactive web app to inform policymakers on how occupational structure affects housing affordability and access to quality education for low income families.
- Self-taught R Shiny framework, then worked independently to combine county parcel data, BLS wage data, school quality metrics, and commute times from the ACS and dynamically generate affordability metrics.
- Received a grant from UVA's Institute for Practical Ethics. Web app in portfolio.

Tech Lead, *NationBuilder Run for Office: Analysis Project*

July 2018 – October 2018

- Analyzed demographics of Louisiana officeholders and created visualizations to effectively communicate current representation across dimensions of identity at all levels of state and local government.
- Coordinated a remote team to solve problems and leverage skillsets to overcome technical hurdles.
- Project in R, R Markdown, and LaTeX, final report available in my portfolio.

before this work: I spent time in jails going over evidence with homicide clients for the Colorado State Public Defender, working for and then briefly running a campaign for Leslie Herod for HD8, and working on a state-wide ballot initiative with Campaign for a Healthy Colorado.

RESEARCH EXPERIENCE

Research Lead, *Bicentennial Analysis Project, the Honor Committee*

April 2018 – Present

- Initiated a data project to collect, analyze, and communicate critical demographic data to replace anecdotes in policymaking with empirical evidence on outcomes and make Honor more equitable for all students.
- Currently analyzing data on 5 years of cases, 25 years of guilty verdicts, and 100 years of aggregate totals.

Research Fellow, *Pay for Success Lab, Affordable Housing Project*

October 2018 – Present

- Working with the Virginia Association of Housing & Community Development Officials to explore the viability of housing oriented pay-for-success projects and leverage SIPRA funding for local projects.
- Currently leading a data inventory of Charlottesville & Norfolk city governments to explore data integration possibilities for holistic outcome tracking and researching the role of integrated data systems in PFS.

Student Researcher, *Community Impact Lab*

September 2018 – Present

- Working to map early childhood providers and available resources in order to determine perceived gaps and areas for potential growth to advise grantmaking and investment from the Early Childhood Funders Network.
- Leading the project team in data structuring, collection, validation, cleaning, analysis and visualization.

EDUCATION

University of Virginia, Class of 2020

Echols Interdisciplinary Major: Statistical Analysis of Social Behavior integrating statistical analysis, human behavior, politics and policy.

Awards & Honors: Echols Scholar, Cleworth Scholarship, Dean's List

SKILLS:

areas: data cleaning, analysis, visualization, and communication, research, report writing

technical: statistical analysis & modeling in R, git & GitHub, R Shiny, LaTeX, Tableau, HTML & CSS