Charlotte McClintock

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WORK EXPERIENCE

Research & Data Science Intern, *Brightest*   *May 2019 – August 2019*
- Defined organizational research priorities, started a Data for Climate research series, created original research and elevated relevant academic work, also responsible for developing research partnerships and managing press relations.
- Published three research works, including "The Missing Votes on Climate" - covered by Vice in July 2019.

Evaluation Intern, *Caravan Studios*   *May 2019 – August 2019*
- Analyzed administrative data from Safe Shelter Collaborative platform, enabling providers serving survivors of domestic violence and human trafficking to share information and find emergency shelter.
- Research explored regional variation, agency participation, and demographics of survivors engaging with the
- Safe Shelter Collaborative platform in order to inform further development and expansion into new regions.

Lead Researcher & Project Manager, *Public Interest Data Lab*   *Jan 2018 – June 2019*
- Analyzed confidential foster care data, modeled racial disparity in outcomes, created visualizations of racial disproportionality, and communicated findings to the Charlottesville Department of Social Services.
- Delivered two reports to the DSS which informed policy changes to improve equity among children in care.
- Helped lead a class engaging students in public interest data science work informed by equity and justice.

Project Lead & Researcher, *CommPAS Lab*   *Dec 2018 – July 2019*
- Created partnership with local homelessness coalition to use administrative data and quantitative analysis tools to understand racial disparities in the lived experience of homelessness and in the provision of homelessness services.
- Wrote MOU, executed analysis, and worked closely with service providers to communicate and contextualize research findings in report. Project supported as a pilot for the Equity Atlas grant to build data capacity in community partners in service of equity and justice in the Charlottesville region.

Summer Data Fellow, *Shift Research Lab*   *May 2018 – Aug 2018*
- Built the Housing by Occupation Median Earnings (HOME) tool, an interactive web app to inform policymakers on how occupational structure affects housing affordability and access to quality education for low income families.
- Cleaned and combined data from multiple sources to dynamically generate affordability metrics for 800 occupations.

OTHER RELEVANT RESEARCH EXPERIENCE

Project Lead, Incarceration Trends, *Data for Democracy x ACLU of Colorado*   *Dec 2018 – Apr 2019*
- Initiated a project based on a recently released incarceration data set, recruited a 30-person volunteer team, created partnership with Colorado ACLU to support bail reform efforts with analysis of data from open records requests.
- Co-created and piloted an ethical assessment framework for applied data projects based on the GDEP principles.
- Provided testimony in support of HB 19-1297 to improve and standardize the collection of criminal justice data.

Chair of Data & Assessment, *the UVA Honor Committee*   *Apr 2018 – Apr 2019*
- Initiated an effort to collect and analyze case data to replace anecdotes in policymaking with empirical evidence on outcomes and increase transparency of the student judicial process by publishing open data.
- Created and implemented new data practices and research protocols to enable more robust future analysis of data.
- One hundred years of previously unseen case data analyzed and reported in the Bicentennial Analysis report.
- Research relied on in a review by the UVA Office of Equal Opportunity & Civil Rights.

before finding my passion at the intersection of data & justice: I worked for the Colorado Public Defender reviewing discovery evidence with incarcerated clients, worked for and briefly managed a campaign for Colorado State Rep. Leslie Herod, worked on a state-wide tobacco tax ballot initiative, and pitched an energy startup at the Hult Prize Boston Regional Final.

EDUCATION

University of Virginia, *2019 & 2020* (3+1 BA & MA)

M.A. in Research Methods in Psychology
B.A. in Statistical Analysis of Social Behavior

Awards, Honors, & Grants: Echols Scholar, Cleworth Scholarship, Institute for Practical Ethics Grant, Royster-Lawton Fellowship, Honor Chair's Recognition Award

TECHNICAL SKILLS

confident in: R (10,000+ lines written)

proficient in: git & GitHub, web apps in plotly & R Shiny, SQL, parallel computing, design in HTML & CSS, LaTeX

skillsets: data management & cleaning, statistical analysis & machine learning, visualization & communication of data insights to technical and non-technical audiences.