BENJAMIN HOWARD BELLMAN (he/him)

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ABOUT ME:

I'm Ben, an ambitious data scientist that loves to have fun and believes in radical inclusion.

I combine my passions for math and science with my deep background in the arts and humanities to solve complex problems. My past projects span modeling cities and human populations, to algorithmic learning and large-scale data production, to soccer analytics and player evaluation, to GIS mapping and rendering 3D objects. I love to collaborate and work best in a small team, and I especially love learning and playing with people I enjoy.

Data for good, never evil.

EDUCATION:

Brown University

| 2020 | Ph.D. | Sociology |
| 2016 | M.A. | Sociology |

University of Colorado–Boulder

| 2014 | B.A. | Geography and English (Creative Writing) |
| | | *Summa Cum Laude* |

DATA AND COMPUTING SKILLS:

Processing • Modeling • Visualization • Communication • GIS • Spatial Analysis • Measurement • Demography

R ★★★★★   Python ★★★☆☆   SQL ★★★★☆   Unix ★★☆☆☆

WORK EXPERIENCE:

Boulder County – Community Justice Services

Senior Data Analyst — August 2023 – Present
Research Analyst/Data Technician — August 2020 – July 2023

- Deliver insights for CJS leadership through data analysis and provide expert advice on data systems, social measurement, and statistical practices
- Build and maintain self-service data reporting tools, including data visualizations, dashboards, and reports used for a range of business processes
- Foster an ethos and culture for CJS that understands both the potential and limits of data, prioritizing accurate information and evidence, and centering the humans embedded in these abstractions
- Generate ad hoc data extracts and visualizations by CJS staff request for ongoing research projects, including internal studies, collaborations or requests by system partners, and external partnerships

Colorado Rapids Soccer Club

Associate Data Analyst — January 2022 – December 2022

- Provided ad hoc data analysis and engineering services on a part-time contract basis

Brown University – Population Studies & Training Center

Research Associate — June 2015 – July 2020

- Analyzed raw restricted data about millions of Americans in Federal Statistical Research Data Centers
- Developed machine learning model to link millions of historical census records over time by household
  - Applied to Philadelphia (1910–1940) to analyze residential change in dissertation project
  - Developed shiny application to construct training data accurately and efficiently
- Designed methods and algorithms for constructing high-quality, detailed, and historically accurate GIS databases for 69 cities that locate individual census records within urban street networks