Jessica Carr

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Notable Projects

Covid Mobility Trends
Tools: R, HTML, CSS, d3.js

jessvoiture.github.io/covid_mobility_trends/

Interactive story investigates voluntary versus governmental responses to COVID-19 in the US.

State Policy Trends
Tools: Excel, HTML, CSS, d3.js

jessvoiture.github.io/state_policy/

A Demers cartogram which visualises the result of a 2.5 month long research project at risQ, analysing state level policy across an array of policy areas.

Skills

Programming Languages

R (tidyverse; leaflet)
Python (pandas; beautifulsoup)
HTML + CSS; javascript (d3.js, jquery)
Command Line / Git
SQL

Software

Adobe Suite
ArcMap / QGIS
Tableau
Microsoft Excel
Asana / Trello

Soft Skills

Data Analysis and Visualisation
Flexibility/Adaptability
Work Ethic

Language

Fluent: English
Intermediate: French

Experience

Front-End Data Analyst Intern
MBTA | Jan 2022 - June 2022

Analysed fare vending machine data to optimise cash collection schedule.
Developed a new model for cash collection to minimise expenditure.
Constructed a Tableau dashboard to effectively communicate timely system-wide needs to MBTA coordinators and third-party vendors.

Research Analyst Intern
risQ (acquired by ICE Data Services) | Feb 2021 - June 2022

Spearheaded effort to compile & map US climate resiliency projects.
Developed governance metric to evaluate and quantify state and city level policy across 17 focus areas.
Provided weekly ESG and carbon transition risk commentary on municipal debt issuers for clients.

Communications Intern
Hingham Net Zero | Jan 2021 - July 2021

Launched and managed a successful social media campaign to promote support for Hingham's climate action plan.
Researched and designed content regarding civic engagement, environmental education, and other topical information.
Maintained positive growth rate for reach, following, and engagement over a 6 month period.

Education

Northeastern University
Graduated: Dec 2022

BS Environmental Science with a minor in Graphic and Information Design
Summa Cum Laude (GPA: 3.98/4.00)

Relevant Coursework: GIS; Biostatistics; Climate Adaptation and Policy; Climate Hazards and Resilient Cities; Fundamentals Of Computer Science; Graphic Design I + II; Visual Journalism

Hingham High School
Graduated: June 2019

High School Diploma
Salutatorian, AP Scholar with Distinction