

CONNOR ROTHSCILD

Available beginning June 2021

Email: connor@rice.edu

Website: connorrothschild.com

EDUCATION

Bachelor of Arts | Expected: May 2021 | Rice University

- **MAJORS:** Political Science and Social Policy Analysis | **MINOR:** Data Science
- **GPA:** 3.85/4.000 (President's Honor Roll, Fall 2019, Spring 2020)
- **COURSEWORK:** Statistics in Political Science (POLI 395), Election Systems (COMP 435), Statistics for Data Science (DSCI 301)

WORK EXPERIENCE

Data Science Intern, US Special Operations Command | May 2020 – August 2020

- Through a fellowship with [Coding It Forward](#), one of two interns in SOCOM's inaugural data internship program
- Assisted creating a machine learning model for predictive maintenance on CV-22 helicopters to reduce downtime & improve readiness
- In six weeks, built a fullstack web application that automates the process of verifying inventory data, expected to save roughly 2500 man hours and \$102,000 annually

Data Science Associate, Moksha Data | May 2020 – Present

- Created an 'equity analysis' for the City of Houston's first-round COVID-19 rental assistance program, which influenced the allocation of over \$2 million in subsequent rounds
- Create interactive, engaging graphics and analyses for clients including Harvey Home Connect and the City of Houston

Data Science and Research Intern, Texas Policy Lab | October 2018 – Present | [Bio](#)

- Conduct policy research used to inform government leaders and influence public policy
- Developed an R package "[TPL Theme](#)," which creates publication-ready plots using ggplot2
- Created a data dashboard for the TX Juvenile Justice Department presenting changes in prison populations

AWARDS

First Place, COVID-19 Houston Response Projects | April 2020 | [Media](#)

- Awarded first place in the Rice Data 2 Knowledge Lab's 'CHRP' competition
- Studied mobility and movement during COVID-19, and analyzed the effectiveness of stay-at-home orders statistically and visually
- The final product was an R Shiny dashboard, which can be found [here](#).

First Place, Rice Datathon 2020 (Houston Track) | March 2020

- Awarded first place in the 2020 Rice Datathon for my visualization "[Mapping Houston Homicides](#)."
- Built a scrollytelling visualization for the purposes of narrative storytelling in <16 hours

Hudspeth Award for the Best Undergraduate Seminar Paper in Political Science

- In recognition of "[¡Vota! Testing the Impact of Spanish-Language Ballots on Election Results and Preferences](#)."

First Place, Baker Institute's Undergraduate Policy Competition | September 2018 | [Media](#)

- Award given in recognition of a 6000-word research paper and 20-minute presentation
- Proposed a new approach to Haitian food assistance, recommending unconditional cash transfers

First Place, Houston-Centered Policy Design Competition | February 2018 | [Media](#)

- Proposed an innovative multi-home buyout system in the wake of Hurricane Harvey
- Awarded prize money and seed money for implementation

National Champion, International Extemporaneous Speaking | June 2017 | [Media](#)

- National Champion in NSDA International Extemporaneous Speaking, sponsored by the Council on Foreign Relations

SELECTED PROJECTS

[TPL Theme](#) | Work Experience

- R package which contains tools to create publication ready plots using ggplot2

[Mapping Missing Migrants](#) | Personal Project

- Created a scrollytelling visualization of location data to visualize trends in missing migrants since 2014
- Analyses done in R, JavaScript, Mapbox Studio. Styling done with HTML/CSS
- Awarded the Bronze (Student category) at the Malofiej 28th International Infographics Awards

SKILLS

Expertise: R (ggplot2, dplyr, Shiny), D3.js, Tableau, Mapbox, JavaScript, Vue, HTML/CSS, Webflow

Proficiency: SQL, ArcGIS, LaTeX, Python, PowerBI, Adobe Illustrator