

# CONNOR ROTHSCHILD

Phone: 417-569-8406 | Email: [connor@rice.edu](mailto:connor@rice.edu)

Website: [connorrothschild.github.io](https://connorrothschild.github.io)

Address: 99 Sunset Blvd. Houston, TX 77005

## EDUCATION

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### 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

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### 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
- Building a machine learning model for predictive maintenance on CV-22 helicopters, to reduce downtime and improve readiness

### 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

### Undergraduate Fellow, Religion and Public Life Program | August 2019 – Present | [Bio](#)

- Transcribe, edit, code and categorize interviews, identifying common themes among respondents
- Conduct thorough searches of existing research for the literature reviews of forthcoming publications

## AWARDS

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### 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

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### [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

## SKILLS

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**Expertise:** R (ggplot2, dplyr, Shiny), D3.js, Tableau, Mapbox | **Proficiency:** SQL, ArcGIS, LaTeX, Python, PowerBI