

COREY N RUNKEL

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153 Livingston St, New Haven, CT 06511

EXPERIENCE

Yale Program on Financial Stability

May 2020 - Present

Research Associate

New Haven, CT

- Research primary sources to author 17 case studies of government responses to financial crises
- Manage 11 interns and 20-question Qualtrics survey to track 7,500+ COVID policies from 204 countries
- Develop 3 R packages and 1 JavaScript program to extract data and automate research workflow
- Introduced and integrate data-management software to improve research workflow for 15 RAs and supervisors
- Visualize financial-market and program usage data using R for case studies, blog posts, and presentations
- Interview central-bank executives to understand origins of programs and financial crises
- Synthesize academic literature to evaluate program efficacy

UVA School of Architecture

September 2019 - May 2020

Research Assistant

Charlottesville, VA

- Reviewed literature on GIS, public health, and transit to improve healthcare equity for low-mobility individuals
- Interviewed 20+ residents of Albemarle County, Virginia to gauge transportation needs

American Road & Transportation Builders Association

May 2019 - August 2019

Economics Intern

Washington, D.C.

- Introduced spatial analysis to map and estimate impact of nationwide political advocacy
- Resumed duties of Research Economist, working with Economics team to analyze 3 congressional bills
- Bolstered reproducibility of analyses by introducing SQLite databases and API workflows
- Automated data reporting using RMarkdown to visualize crash safety data and road surface conditions

Citizen Advocacy Center

January 2019

Research Intern

Elmhurst, I.L.

- Established first Illinois-wide database containing municipal election results from 830 localities
- Scraped 300+ PDFs to capture voting results in R and Excel

EDUCATION

University of Virginia

May 2020

B.A. Economics / Political & Social Thought *with high distinction* / Minor: Mathematics

GPA: 3.7

Coursework in econometrics, commercial law, machine learning, political economy

Thesis estimated effect of US housing crisis on voting using multiple regression, fixed effects, and GIS data

SKILLS

Languages

Proficient R, STATA *Intermediate* JavaScript, SQL, RShiny *Basic* Julia, Python, German

Software

Proficient Excel, Word, PowerPoint, Adobe InDesign, Git *Intermediate* ArcGIS

Competencies

Data visualization, spatial analysis, writing & editing, public speaking