

# Jessica Faye Draper

Mannheim, Germany

EMAIL jessicafaye.draper@gmail.com

PHONE +49 178 829 5178 (German)

## EDUCATION

- Sep 2017 – Oct 2019 **MA Political Science**, University of Mannheim · Mannheim, Germany
- Quantitative methods concentration
  - Master's thesis: "Efficacy of Third-Party Airstrikes in Counterinsurgencies: Evidence from Yemen"
- Aug 2012 – May 2016 **BA Political Science**, University of Arizona · Tucson, AZ, United States
- International relations concentration; Middle Eastern studies minor
  - Honors thesis: "Impact of Third-Party Intervention and Rivalries on Intrastate Conflict Outcomes"
  - Graduated *summa cum laude* (highest academic distinction)

## RESEARCH EXPERIENCE

- Oct – Dec 2019 **Research Intern**, Peace Research Institute Frankfurt · Frankfurt, Germany
- 'International Security' research department under the supervision of Dr. Niklas Schörnig
  - Assisting on issues related to cybersecurity, lethal autonomous weapon systems, and arms control; pursuing own project on cyber defense strategies
- Sep 2018 – July 2019 **Research Assistant**, Mannheim Centre for European Social Research (MZES), University of Mannheim · Mannheim, Germany
- Project: Pre-Electoral Coalition Strategies  
Department: European Political Systems and their Integration
- Aug 2018 **Summer School in Computational Social Science on Conflict, participant**, Bremen International Graduate School of Social Sciences · Bremen, Germany
- Conducted original research with coauthors on armed conflict and violence against civilians; forthcoming publication in 2020
- Sep 2015 – May 2016 **Undergraduate Research Fellow**, School of Government & Public Policy at the University of Arizona · Tucson, AZ, United States
- Assisted Dr. Faten Ghosn's research on Islamist groups and ideology

## OTHER WORK EXPERIENCE

- May 2016 – present **Web Designer/Developer**, College of Humanities, Computing Services, University of Arizona · Tucson, AZ, United States
- Designed and developed Drupal websites and maintained web content for departments full time for one year; part-time since 2017 assisting in design implementation and maintenance

## TECHNICAL SKILLS

Programming Languages	R (proficient) Python (basic) JavaScript/jQuery (basic)
Markup Languages	HTML, CSS (advanced) LaTeX (basic)
Software	RStudio (proficient) STATA (basic) Microsoft Office (proficient) Photoshop (proficient) QGIS (basic)
Content Management Systems (Web)	Drupal 7 (advanced) Wordpress (proficient)
Quantitative Methods	OLS regression analysis Maximum Likelihood Estimation Multilevel modeling Computational text analysis
Foreign Languages	English (native) German (conversational, B1)

## PUBLICATIONS AND WORKING PAPERS

### Book Chapter

- Salvi, Andrea, Mark Williamson, and Jessica Draper. 2020. "On the Beaten Path: Violence Against Civilians and Simulated Conflict Along Road Networks." In Deutschmann, Emanuel, Jan Lorenz, Adalbert Wilhelm, Davide Natalini, and Luis Gustavo Nardin (eds.), *Computational Conflict Research*. Springer Nature.

### Working Papers

- "Efficacy of Third-Party Airstrikes in Counterinsurgencies: Evidence from Yemen." *MA Thesis*
- "Who Wants to Trade? Determinants of Supporting the International Regulation of Conventional Arms."

## PROFESSIONAL DEVELOPMENT

- May 2019      **Executive Training Seminar, participant**, Academy of Global Governance, European University Institute · Florence, Italy
- Attended three-day training seminar on the topic, “Does Europe need a grand strategy? Exploring competing visions for the EU’s role in the world”
- Sep 2018      **Annual Conference, participant**, Peace Research Institute Frankfurt · Frankfurt, Germany
- Attended two-day conference on the topic, “Verification in Crisis – the Crisis of Verification. New Technology as a Hurdle to and an Enabler of Verification in Arms Control”
- Mar 2018      **DataFest Germany, participant**, Ludwig-Maximilians-Universität · Munich, Germany
- Analyzed log data from a TÜV SÜD honeynet system to identify cyber-attacks and suspicious behavior in a friendly team competition over the course of two and a half days
- 2012 – 2015      **President and Founder**, Secular Student Alliance at the University of Arizona, University of Arizona · Tucson, AZ, United States
- Organized social events; led weekly meetings and thoughtful discussions; scheduled guest speakers; engaged in community service and outreach