




# PAUL JOHNSON

QUANTITATIVE SOCIAL SCIENTIST  
DATA SCIENCE & MACHINE LEARNING

## EDUCATION

- 2020  
|  
2017
- **M.A. Political Science**  
University of Houston  Houston, TX
    - Dissertation: When & Why Do Politicians Defect from Their Party and Form Spin-Offs?
- 2012  
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2011
- **M.Sc. Global Politics**  
University of Southampton  Southampton, UK
- 2011  
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2008
- **B.A. Politics**  
University of Sussex  Brighton, UK

## WORK EXPERIENCE

- 2020  
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2018
- **Graduate Research Assistant**  
University of Houston  Houston, TX
    - Built natural language processing models for political science research
    - Developed coding and data structure for productive research
    - Led the research project's methodological exploration and development
- 2019  
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2017
- **Graduate Teaching Assistant**  
University of Houston  Houston, TX
    - Courses: Intro to Comparative Politics, Mexican Politics, Comparative Elections, Media & Politics
- 2018
- **Graduate Research Assistant**  
University of Houston  Houston, TX
    - Supported the Political Party Database Project Survey
    - Maintained the PPDB website, including the expansion of the available data
- 2017  
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2015
- **Fundraising Manager: Product Innovation**  
Marie Curie  London, UK
    - Managed Marie Curie's largest ongoing fundraising campaign (Fundraising Your Way)
    - Developed new and innovated existing fundraising products/campaigns
    - Maintained regular newsletter updating Marie Curie employees (within fundraising and beyond) about developments in and around the sector



View this CV online with links at  
[pauljohnson.net/cv](http://pauljohnson.net/cv)

## CONTACT

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 [Paul\\_Johnson89](https://twitter.com/Paul_Johnson89)  
 [Paulj1989](https://github.com/Paulj1989)  
 [pauljohnson.net](http://pauljohnson.net)

## SKILLS

**Analytical:** Statistical Modelling, Machine Learning, Deep Learning, NLP

**Programming:** R, Python, SQL, Javascript, HTML, Bash

**Packages:** tidyverse, shiny, pandas, numpy, sklearn, spaCy, nltk, Tensorflow, Keras

**Tools:** Git, Docker, Travis, AWS

*Last updated on 2020-11-27.*

2015  
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2014

## Events & Corporate Fundraiser

World Child Cancer

📍 London, UK

- Developed, recruited, and managed the charity's largest charity event to-date (Kilimanjaro trek)
- Supported the Head of Corporate fundraising in the successful corporate partnership with Deutsche Bank
- Managed various important charity events (London Marathon, Ride 100, Great North Run)



## SELECTED PUBLICATIONS

2020

### The Nationalization of Mexican Parties<sup>1</sup>

P Johnson & F Cantu. (2020). *Politica y Gobierno*. 27(2).



## ONGOING RESEARCH

### Hypothesis Testing for Reliability Statistics: A Permutation Approach<sup>2</sup>

P Johnson & J Kirkland

- Demonstrating permutation approaches for evaluating reliability, using a series of Monte Carlo studies.

### Analyzing Bulgarian Constitutional Courts Using Natural Language Processing

L Tiede, T Bagashka, S Chappa, P Johnson

- Using natural language processing methods to test the presence of political language in Bulgarian constitutional court cases.

### How does the Presence of a Publicly Funded News Broadcast Affect Trust in News Media?

P Johnson & B Sullivan

- Carrying out a cross-national analysis of the relationship between the presence of a prominent and popular publicly funded news media outlet and levels of public trust in the news media.



## LINKS

1: <https://tinyurl.com/y2dsk6c7>

2: <https://tinyurl.com/y22bulbb>