PAUL JOHNSON

QUANTITATIVE SOCIAL SCIENTIST
DATA SCIENCE & MACHINE LEARNING

I am a social scientist and data scientist based in London. My academic research has focused on party and party system change in established political systems. Professionally, I am interested in using statistical methods and machine learning for modeling human behavior and the social world.

🎓 EDUCATION

M.A. Political Science
University of Houston
📍 Houston, TX
2020 | 2017

M.Sc. Global Politics
University of Southampton
📍 Southampton, UK
2012 | 2011

B.A. Politics
University of Sussex
📍 Brighton, UK
2011 | 2008

💻 SELECTED WORK EXPERIENCE

Associate BI Consultant
NHS Central, South, and West CSU
📍 Remote
Present | 2021

- Supporting the Population Health Management team with research design, statistical modeling, and communication and visualization of research
- Leading research on the wider determinants of health inequalities

Graduate Research Assistant
University of Houston
📍 Houston, TX
2020 | 2018

- Developed natural language processing models for research into political language in legal texts
- Led the research project's methodological exploration and development
- Supported the Political Party Database Project Survey

Graduate Teaching Assistant
University of Houston
📍 Houston, TX
2020 | 2017

- Courses: Intro to Comparative Politics, Mexican Politics, Comparative Elections, Media & Politics

Fundraising Manager: Product Innovation
Marie Curie
📍 London, UK
2017 | 2016

- Managed Marie Curie's biggest regular fundraising campaign (Fundraising My Way)
- Assisted the development of new fundraising products and the innovation of existing campaigns

View this CV online with links at
paulrjohnson.net/cv

CONTACT

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- 🐦 paul_johnson89
- in paulj1989
- ○ paulj1989
- 🔗 paulrjohnson.net

SKILLS

Analytical: Statistical Modeling, Causal Inference, Machine Learning, Deep Learning, NLP

Programming: R, Python, SQL

Packages: tidyverse, tidymodels, shiny, plotly, Dash, pandas, numpy, sklearn, spaCy, nltk, Tensorflow, Keras

Tools: Git, Docker, AWS

CV built using datadrivencv & pagedown.

Last updated on 2021-05-28.

2016
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2015

Events & Corporate Fundraiser
World Child Cancer   ◉ London, UK

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

💼 FURTHER WORK EXPERIENCE

2015
|
2012

Various Administrative Roles
Charity Sector & NHS   ◉ UK

· Family for Every Child – Events Coordinator
· University Hospital Southampton – Oncology Outpatient Clerk
· University Hospital Southampton – Income Management Assistant

📖 SELECTED PUBLICATIONS

2020

The Nationalization of Mexican Parties 🔗[1]
P Johnson & F Cantu. (2020). *Politica y Gobierno*. 27 (2).

· Measuring the static and dynamic nationalization of Mexican parties, and the importance of national, state, and district factors in explaining the variance of the parties' electoral support.

🧪 ONGOING RESEARCH

Hypothesis Testing for Reliability Statistics: A Permutation Approach 🔗[2]
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 studying the presence of publicly funded news and public trust in the news media.