


DAVID CALDWELL


Recent PhD graduate and applied statistician seeking industry research positions in the San Francisco Bay Area

EXPERIENCE


2023
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2017

- Doctoral Researcher**
Centre for Institutions & Political Behaviour  Durham University
 - Developing longitudinal and quasi-experimental research designs
 - Constructing and summarizing Bayesian multilevel models
 - Presenting complex data analyses and visualizations to technical and non-technical stakeholders

2023
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2019

- Research Assistant**
Centre for Institutions & Political Behaviour  Durham University
 - Writing software to efficiently clean and analyze decades of cross-national survey data
 - Developing innovative statistical measures of social outcomes
 - Consulting on data wrangling, analysis, and visualization

2021
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2018

- Teaching Associate**
School of Government & International Affairs  Durham University
 - Designing and teaching classes on probability and statistics, research design, and comparative politics
 - Using statistical software and data visualization tools to instruct clients at a variety of skill levels
 - Evaluating performance and delivering constructive feedback

EDUCATION

2023

- PhD, Political Science**
Durham University

2020

- 15 ECTS Credits, Advanced Machine Learning for Social Scientists**
University of Essex

2019

- 15 ECTS Credits, Advanced Methods for Social Media and Textual Data**
University of Essex

2018






- 15 ECTS Credits, Advanced Survey Data Analysis and Survey Experiments**
University of Essex

2016

- MA, Politics and International Relations**
Durham University

2015

- BA (Hons), International Relations and Politics**
De Montfort University

 Sunnyvale, CA
 +1 (408) 480-7074
 dcaldwellphd@gmail.com
 [dcaldwellphd](#)
 [dcaldwellphd](#)

PROGRAMMING



SOFTWARE SKILLS

Power BI | Tableau | Shiny | Git |
Quarto/Markdown | LaTeX | SPSS |
Microsoft Office

RESEARCH STRENGTHS

Data Visualization | Statistical
Modelling | Bayesian Inference |
Multilevel Regression | Longitudinal
Analysis | Causal Inference |
Research Design | Machine
Learning

PROFESSIONAL QUALITIES

Project Management | Leadership |
Communication | Writing |
Collaboration | Presentations |
Team Building