

CV - Phil Swatton

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Phil Swatton
Department of Government
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Work Experience

Data Scientist October 2022 - Present
Applied Research Centre for Defence and Security

- *Data Science Research*

Occasional Lecturer December 2021 - January 2022
School of Social Sciences and Humanities, University of Suffolk

- *Political Argumentation and Persuasion*: Module on the nature of politics, compromise, rhetoric, and negotiation

Senior Postgraduate Teaching Assistant October 2020 - February 2022
Department of Political Science, University College London

- *Measurement in Data Science*: Taught module on measurement theory and models winter 2021
- *Introduction to Quantitative Research Methods*: Taught module on statistics and R programming spring 2021
- *Principles of Social Science Research*: Taught module on philosophy of science and causal inference winter 2020

Teaching Assistant, Instructor Summer 2020, Summer 2021, Summer 2022
Essex Summer School in Social Science Data Analysis, University of Essex

- *Advanced Machine Learning For Social Scientists*: Teaching assistant for module in the 2022 summer school
- *Machine Learning for Social Scientists*: Teaching assistant for module in the 2022 summer school
- *Introduction to R*: Instructor for Introduction to R weekend class during the second session 2021, first session 2022, teaching assistant during the first session 2021
- *Technical Support*: Provided general technical support for R and Stata during week 2 of the 2021 summer school
- *Webscraping and Data Management in R*: Taught module on webscraping and intermediate R programming in 2020 and 2021 summer schools

Research Assistant 2020-Present
Department of Government, University of Essex

- *Project on Party Survival*: Using webscraping to build unique party survival dataset for research with Roi Zur
- *Project on Political Ideology*: Designing survey to measure political ideology in several dimensions for Royce Carroll
- *Project on Inequality*: Combining data from several sources and using webscraping to build unique dataset on inequality and politics for Filip Kostelka

Education

PhD Government, *in progress* 2019 - Present

Department of Government, University of Essex

- Thesis titled *Three Essays on the Measurement of Political Ideology*
- Research presented at top conferences including American Political Science Association annual conference and Royal Statistical Society annual conference
- Awarded University of Essex Social Sciences Doctoral Scholarship

MSc Political Science, *Distinction* 2018 - 2019

Department of Government, University of Essex

- Modules included advanced quantitative research methods and public opinion
- Awarded University of Essex Masters Excellence Scholarship

BA International Relations and Politics, *1st* 2015 - 2018

School of Politics, Philosophy, International Relations, and Environmental Studies, Keele University

- Modules covered areas such as comparative European politics and British politics
- Active in student societies such as the debate society and Labour students society
- Awarded Owen Powell Student Prize for outstanding achievement

Software

General	Python
Statistics	R, Stata
Front-end	HTML, CSS, SCSS, JavaScript, Jekyll
Markup	Markdown, LaTeX, R Markdown, R Sweave
Command Line	Bash
Version Control	Git, Github
Survey Design	Qualtrics

Additional Courses

Quantitative Text Analysis 2021

Essex Summer School in Social Science Data Analysis

- Course on quantitative text analysis
- Included natural language processing, supervised text analysis methods, unsupervised text analysis methods

Multilevel Models: Practical Applications 2020

Essex Summer School in Social Science Data Analysis

- Course on multilevel modelling
- Included random intercepts, slopes, age-period-cohort models