Christian Payne

Looking for a rewarding role where I can use my technical skillset to identify and communicate actionable insights to help organisations get the most from their data.

Education

2019 - 2020

MSc Political Science and Political Economics
London School of Economics (LSE)

- A highly quantitative course on economics and politics with a focus on research design and econometrics.
- Grade: Merit
- Modules: Applied Regression (Distinction), Causal Inference (Distinction), Game Theory (Merit), and Applied Machine Learning for Social Science (Merit)

2016 - 2019

BA (Hons.) Philosophy, Politics and Economics (Major: Economics)
University of Winchester (with a study abroad semester at Westminster College, USA)

- Grade: First Class Honours (US GPA: 3.93)
- Final Year Modules: Public Economics, International Economics, and Politics of the Post-Crash Economy
- Dissertation: An econometric evaluation of the Mincer model of earnings determination as a factor behind the UK gender pay gap (Top economics dissertation of the year)

Experience

2021 - Now

Higher Operations Research Analyst
Home Office

- Promoted from Statistician and dual badged member of the Government Statisticians Group and Operations Research Service working in the Home Office's Analysis and Insight unit. Lead analyst for domestic homicide working alongside Analysts and Data Scientists on projects using police data.

2019

Economics Intern
Institute for Economic Affairs

- Primarily worked alongside Dr. Radomir Tylecote on a then-upcoming paper on trade policy, which involved collecting tariff data and building a dataset.

2018

Research Assistant
Centre for English Identity and Politics

- Assisted Prof. John Denham in the research and writing of a report into ethnic diversity in St. George's day promotional materials for three months.

Awards

2019

Best Written Piece

- Won the award for best written piece during my internship at the IEA for a piece on immigration policy reform

2018

Richard B. Koch Student Essay Prize Finalist

- Finalist for the Richard B. Koch essay prize which asked for policy solutions for the housing crisis. One of the final 3 candidates out of over 350 entries

2017

Winchester Scholars Scheme

- Was selected for membership of the Winchester Scholars Scheme, a program designed for students with outstanding academic records. Presented a talk alongside Dr. Craig Prescott on the constitutional impacts of Brexit.

Contact Details:

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Software:

- R
- Python
- SQL
- Git
- HTML
- Bash
- Microsoft Office

Techniques:

- Regression Modelling
- Propensity Modelling
- Stochastic Simulation
- Supervised Machine Learning
- Unsupervised Machine Learning
- Time Series Forecasting
- Causal Inference
- Stochastic Simulation
- Natural Language Processing