

A data analyst and social scientist seeking to leverage analytical skills, leadership experience, and a commitment to sustainability to deliver evidence-based insights that enable public sector organisations to better serve their constituents.

SKILLS

Technical skills: GitHub, Python, R, SQL, Tableau, predictive modelling, data visualisation, statistical analysis, data wrangling, data cleaning, web scraping, quantitative and qualitative research design, report writing, and presentation skills

Personal skills: Leadership, communication, collaboration, problem solving, project management, strategic thinking, decision making, change management, mentoring, and teaching

EXPERIENCE

Data Analytics Career Accelerator London School of Economics

October 2024 - June 2025

Earned distinctions on course projects that delivered actionable recommendations through slide presentations and technical reports for commercial and public sector clients using the following skills:

- Led a team of five data analysts that enabled the Bank of England to better understand the relationship between central bank speech sentiment and key economic indicators; used advanced Python functions for data wrangling and feature engineering to improve the predictive power of linear and non-linear regression models
- Engaged in predictive analytics using advanced Python functions and R to conduct product review sentiment analysis and cluster customers of a fictional online game retailer to optimise its loyalty rewards programme
- Performed diagnostic analytics using Python for NHS England to reveal trends in missed GP appointments and to identify behavioural interventions for improving appointment attendance and addressing health inequalities
- Segmented customers using Excel pivot tables and SQL queries to facilitate a targeted multichannel marketing campaign for a fictional online supermarket; summarised key findings using Tableau dashboards

Associate Professor of Political Science Assistant Professor of Political Science St Lawrence University (SLU), Canton, NY, USA

August 2015 - August 2023

August 2008 - August 2015

- Developed and delivered an engaging environmental politics curriculum to over 350 students
- Communicated research findings in environmental politics through presentations at professional meetings and peer-reviewed publications
- Led a cross-functional team to analyse ethics and integrity at the university, using data-driven insights to develop and implement effective solutions, as well as ensure compliance with accreditation standards
- Designed qualitative and quantitative assessments of student learning, using data analytics to identify areas for curriculum improvement
- Elected by faculty colleagues to contribute to strategic decision making in a deliberative body attended by senior leadership including the university President
- Met university's standards for excellence in teaching to earn tenure and promotion

Director SLU London Programme

July 2021 - July 2022

- Led a team of six lecturers and two staff members to deliver an intellectually rewarding programme
- Taught the "Encountering Global London: Power and Justice in Its Urban Environment" module, which included an examination of recent regeneration projects from the perspective of sustainability
- Initiated change to ensure educational effectiveness in the context of the COVID-19 pandemic
- Expanded student internship opportunities by cultivating relationships with business partners
- Successfully managed a £575,000 budget, resulting in resource expenditures 5% under budget
- Co-authored a strategic report examining opportunities for students to enrol directly at London universities

- Led a team of nine lecturers and one administrative staff member to provide support across each stage of the student lifecycle
- Analysed enrolment data and student performance metrics to inform strategic decision-making regarding faculty hiring and resource allocation
- Convened monthly faculty meetings to make strategic decisions regarding the course curriculum
- Co-led an external review of the politics department at a nearby university by collecting primary data using qualitative research methods including focus groups and interviews with key stakeholders
- Mentored and reviewed junior colleagues for tenure and promotion

QUALIFICATIONS

PhD in Political Science

University of Chicago, IL, USA

December 2008

MA in Political Science

University of Chicago, IL, USA

June 2004

BA in Environmental Studies and Philosophy

Oberlin College, OH, USA

May 2001

SELECTED PUBLICATIONS

“Postenvironmentalism.” In Noel Castree, Mike Hulme, and Richard D. Proctor (eds.) *The Routledge Companion to Environmental Studies* (London: Routledge, 2018)

“Political Ecology.” In Michael T. Gibbons (ed.), *The Encyclopedia of Political Thought*. (Wiley-Blackwell, 2014)

“Postenvironmentalism: An Internal Critique.” *Environmental Politics*, Vol. 22, No. 6 (November 2013), pp. 883-900

SELECTED PROFESSIONAL DEVELOPMENT

Foundations in Project Management Course Certification

December 2023

- Completed an online, non-credit course prepared by Google in which I learned about the lifecycle of projects and different project management methodologies

Data Analytics in the Public Sector with R Specialisation Certification

October 2023 - November 2023

- Completed a series of online, non-credit courses prepared by the University of Michigan in which I learned how to manipulate, explore, visualise, and statistically analyse data using the R programming language

Python for Everybody Specialisation Certification

September - October 2023

- Completed a series of online, non-credit courses prepared by the University of Michigan in which I learned how to use the Python and SQL languages to create databases and retrieve records from them

Diversity and Inclusion Advocate, SLU

August 2017 - May 2021

- Completed a training programme designed to ensure that faculty hiring searches followed best practices in promoting diversity and inclusion

INTERESTS

Co-Leader, Elfin Group (Ages 5-10)

September 2024 - Present

Volunteer

June 2022 - September 2024

Woodcraft Folk, Highgate and Holloway District

- Prepare and deliver activities that raise environmental awareness at weekly meetings to support the organisation's mission of educating young people for social change
- Safeguard young people during day-long outings and at overnight camps

Birdwatching

November 2022 - Present

- Collect data on bird populations in local green spaces for the eBird citizen science project
- Capture photographs of birds, several of which have been published in the Friends of Regent's Park newsletter