

JAKUB M. TERLIKOWSKI

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in LinkedIn  GitHub
 Personal website

EDUCATION

London School of Economics and Political Science 2023 - 2024 (Expected)

- MSc Applied Social Data Science
- Relevant modules include: Artificial Intelligence, Reinforcement Learning, Applied Machine Learning for Social Science, Computer Programming, Data for Data Scientists

University College London 2020 - 2023

- BSc Philosophy, Politics and Economics with Social Data Science; First-Class Honours
- Relevant modules include: Introduction to Quantitative Research Methods, Mathematics for Economists, Microeconomics, Data Analysis, Computational Methods for Economists, Mining Social and Geographical Data Sets, Causal Analysis, Measurement in Data Science, Industrial Economics
- Dissertation: “Anticipating the war and filling the gaps: the impact of the Ukrainian refugee crisis on unemployment in Poland” (available here)

PROFESSIONAL EXPERIENCE

LSE Department of Management March 2024 - present *Research Assistant* London, UK

- Support data analysis for a paper investigating the impact of regulation on innovation in the US
- Prepare data on company innovation spanning across 5 years in several states for DID regression
- Construct an analysis-ready dataset through fuzzy matching and merging of large datasets

Simba Technologies Jan 2024 - present *Data Science Intern* Remote

- Create data science solutions for a seed-stage start-up providing data collection tools for NGOs
- Build data pipelines and improve the quality of data storage and data management systems (SQL, Python)
- Automate the report delivery from raw data using cloud computing (AWS) and LLMs
- Develop the front-end of the application (dashboard design and data visualisation) in Python

Frontier Economics July 2022 - Sep 2022 *Data Science Intern* London, UK

- Developed an app for analysing the impact of a potential merger on the market
- Automated the creation of a monthly PowerPoint summary of internal sentiment surveys
- Consolidated and cleaned heterogeneous transaction datasets using R and SQL
- Attended training and talks related to data science and economics (eg. double machine learning)

UCL Department of Economics April 2022 - June 2022 *Research Assistant* London, UK

- Selected as one of 3 research assistants in a competitive process; youngest team member
- Executed a multidisciplinary workshop on DLT; created an introductory video and invited speakers
- Managed an interactive game aimed at explaining algorithms underpinning DLT to students

ACHIEVEMENTS AND PUBLICATIONS

- The Dean's List (2023)
- Explore Econ Best Research Paper prize (2022)
- Laureate of the “100% in Matura” Contest (2020)
- Terlikowski, J. (2022). Optimal Vaccine Allocation: Modelling Population Interaction and Administrative Constraints. UCL Journal of Economics, vol. 1 no. 1, pp. 4-8. DOI: 10.14324/111.444.2755-0877.1400
- Several articles written for the Jagiellonian Club available here (Polish) and here (Ukrainian, Russian)

SKILLS AND INTERESTS

- Technical skills: Python, R, SQL, HTML/CSS, Github/Git, Docker, AWS, Wolfram Mathematica
- Languages: Polish (Native), English (Proficient), French (Beginner)
- Interests: Running, Skiing, Chess, Russian Literature