

EDUCATION

- **University of Oxford** *Predoctoral Research Scholar* Incoming
Two-year applied programme at the Future of Humanity Institute in maths, social science and philosophy
- **University of Cambridge** *B.A. (Hons) in Economics* 10/17 – 07/20
Double First Class Honours (1:1) and second highest dissertation mark in cohort (80.0%)
- **King Edward’s School Bath** *GCE Advanced Levels* 09/15 – 07/17
Further Maths A*; Maths A*; German A*; History A*; Politics A

RESEARCH EXPERIENCE

- **Berkeley Existential Risk Initiative** *Research Assistant* 01/21 – Present
Working under Dr Cotton-Barratt and Dr Evans on “truthful” AI, analysing its societal cost and benefits
- **UK-China Cooperation on Climate Change (Oxford)** *Research Assistant* 10/20 – Present
Modelling endogenous technological change of renewable technologies and its effects on emission scenarios; independently examined bias in IAM forecasts, drafted report chapters, and helping build web-tool
- **Harvard Berkman Klein Center for Internet & Society** *Summer Institute* 07/20
One of 23 students invited to partake in four-week seminar series on “AI Principles and Practice”; used R to text-mine and visualise US media coverage of facial recognition technologies for group project
- **Cambridge Development Initiative** *Research Director & MLE Officer* 06/18 – 09/19
 - Coordinated an international team of 9 researchers for a registered NGO operating in Tanzania; doubled output of working papers and fostered partnership with the College of Business Education
 - Created a 50 page impact assessment report during two month fieldwork in Dar es-Salaam, which directly helped increase number of beneficiaries by 200%; appointed interim Project Director

BUSINESS EXPERIENCE

- **Deutsche Bahn AG** *Data Analyst Intern (Procurement Strategy & Standards)* 08/20 – 10/20
Optimized supplier contracts to help increase profit recovery by 120m€; created business intelligence tools (VBA/Excel) and KPI dashboards (Tableau) for senior management — Highest grade in final review
- **Oliver Wyman** *Consulting Intern* 06/19 – 08/19
Helped define a new five-year growth strategy for a leading insurance firm by building a revenue growth model and quantifying the disruption of ‘macro’ trends in technology — Highest grade in final review
- **McKinsey & Company** *Discover Programme* 04/19
Selective three-day workshop to develop problem-solving and interpersonal skills, including case study

OTHER PROJECTS

- **Hear This Idea** *Co-Host* 10/19 – Present
Run a podcast/blog “showcasing new thinking in philosophy, the social-sciences, and effective altruism”, producing 20+ interviews and 100,000+ words of original writing; awarded \$8,000 by CEA
- **Cambridge Students Union** *Access Volunteer* 10/17 – 07/20
Top fundraiser in Christ’s Telephone-Campaign 2019, individually raising £75,000+ for Student Support Fund; volunteered as a mentor and organised college tours for applicants from disadvantaged backgrounds
- **Cambridge Society for Economic Pluralism** *President* 03/18 – 03/19
Led the largest social-science student society in Cambridge, successfully managing a committee of 12 to scale membership by 30%, organise 25 events, and introduce a 50-50 gender balance of speakers

WORKING PAPERS

Technological opportunities for deep decarbonisation of global energy systems

with M. Ives, R. Way, L. Kruitwagen, J. Schiele, L. Tillmann-Morris

Self-reinforcing Corruption: Evidence from the MPs’ Expenses Scandal

with J. Shvets

SKILLS

Languages: English (Native); German (Native)

Software: STATA; R; Python; Excel; Tableau; L^AT_EX