

EDUCATION

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- **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

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- **Berkeley Existential Risk Initiative** *Research Assistant* 01/21 – Present  
Working under Dr Cotton-Barratt and Dr Evans on AI deception and possible mitigation strategies
- **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 build web-tool (Python)
- **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”; text-mined and visualised US media coverage of facial recognition technologies for group project (R)
- **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

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- **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

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- **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

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**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

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**Languages:** English (Native); German (Native)

**Software:** STATA; R; Python; Excel; Tableau;  $\LaTeX$