

Maiwand Nangyal

Website: <https://maiwandnangyal.github.io/>

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EDUCATION

- University of Oxford** Oxfordshire, United Kingdom
• *DPhil in Economics*, with full scholarship. **October 2024 - October 2027**
Primary Research Interests: Development Economics, Economic History, Political Economy.
Secondary Research Interests: Applied Econometrics, Machine Learning.
- University of Oxford** Oxfordshire, United Kingdom
• *MSc in Economic & Social History*; with full scholarship. **October 2023 - August 2024**
- University of Cambridge** Cambridgeshire, United Kingdom
• *MPhil in Economics*; with full scholarship. **September 2020 - August 2021**
- University of Exeter** Devon, United Kingdom
• *BSc in Economics*; with 18/20 “Firsts” and 3/3 commendations. **September 2016 - June 2019**

SKILLS SUMMARY

- **Languages:** English (native), Pashto (native), Dari, Urdu and Hindi.
- **Methods:** Econometrics, Impact Evaluations, Machine Learning, Natural Language Processing, Agent-based Dynamic Microsimulation Modelling.
- **Programming:** Stata, R, Julia, SAS (E-Guide, Studio and E-Miner), SQL, Java and Python.
- **Modelling, Visualisation & Tools:** AnyLogic, QGIS, Mathematica, Excel, Word and PowerPoint.
- **Documentation:** LaTeX, Overleaf and R Markdown.

WORKING PAPERS AND PRESENTATIONS

- **The Game of Thorns: Empirically Analysing the Impact of Opium Cultivation on Terrorism within Afghanistan 1994–2017:** with [Dr Ahmad Zia Wahdat](#).
- **32nd Annual Graduate Workshop:** Presented MSc dissertation research to the Economic & Social History research group at Nuffield College, Oxford (April 2024), with an audience including Professor Sheilaigh Ogilvie, Chichele Professor of Economic History, and Professor Joel Mokyr, 2025 Nobel laureate in Economic Sciences, and incorporated their feedback into the final dissertation.

EXPERIENCE

- **Data for Afghanistan** Remote
• *Director of Research* **Feb 2025 – Present**
 - Collaborating with [Dr Ahmad Zia Wahdat](#) to compile datasets and visualisations on Afghanistan for empirical research (<https://dataforafghanistan.org/posts>).
- **UK Civil Service - Department for Work and Pensions** London, United Kingdom
• *Fast Stream Economist Post-DTA (Senior Executive Officer-equivalent)* **Sep 2021 - Sep 2023**
 - Led two programme impact evaluations worth £1 billion using propensity score matching on HMRC/DWP microdata.
 - Developed department-critical agent-based microsimulation model for around 6 million Universal Credit claimants using AnyLogic/Java.
 - Grade Manager for placement economists: led recruitment, assessment, and professional development.

EXTRA-CURRICULAR ACTIVITIES

- **upReach, SEO & Rare:** Selected for the upReach professional development programme (2016-2019), earning the ‘Gold Award.’ Former SEO and Rare candidate.
- **Society for Professional Economists:** Member between 2022-25.
- **Economic History Society:** Active member.

REFERENCES

References available upon request; I kindly ask that you contact my referees only with my prior agreement.

Prof Stephen Broadberry
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University of Oxford
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Dr Eric Chaney
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Professor Sriya Iyer
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