

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 All Souls College, Oxford (April 2024), with an audience including Professors Sheilagh Ogilvie and Joel Mokyr, 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 of the Society for Professional Economists between 2022-2025.

REFERENCES

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

Prof Stephen Broadberry
Professor of Economic History
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University of Oxford
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Dr Eric Chaney
Associate Professor of Economics
Department of Economics
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Professor Sriya Iyer
Professor of Economics
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