

# DHEERAJ KUMAR SINGH

GitHub: realdksingh ◊ Email: dheeraj.singh@economics.ox.ac.uk ◊ Phone: 07534581605

## EDUCATION

|  |                            |
|--|----------------------------|
| <b>University of Oxford</b> , Oxford, UK                     |                            |
| M.Phil. Economics  | <i>Expected: June 2025</i> |
| D.Phil. Economics  | <i>Expected: June 2027</i> |
| <b>University of Manchester</b> , Manchester, UK             |                            |
| M.Sc. Economics, <i>Distinction</i> (Rank 1 of 49)           | Sept 2023                  |
| <b>Imperial College London</b> , London, UK                  |                            |
| M.Sc. Applied Mathematics, <i>Distinction</i> (Rank 2 of 44) | Oct 2021                   |
| <b>Iowa State University</b> , Ames, Iowa, USA               |                            |
| B.S. Mathematics, <i>summa cum laude</i> (Top 2%)            | Dec 2019                   |

## TEACHING EXPERIENCE

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|---|-------------------------------------|
| <b>College Tutor, University of Oxford</b>  | Oxford, UK                          |
| • <i>Core Microeconomics (HT 2025)</i> – Delivered structured tutorials to first-year students. Emphasis on equilibrium, optimization, and strategic interaction. |                                     |
| • <i>Economics of Industry (MT 2024)</i> – Taught six students across colleges. Designed custom problem sets, marked assignments, and held office hours.          |                                     |
| • Assisted students with revision strategy and exam preparation.  |                                     |
| <b>Grader, University of Oxford</b>   | Oxford, UK                          |
| • <i>Core Microeconomics (MT 2024), Core Macroeconomics (HT 2025)</i>   |                                     |
| • Marked collections and tutorial problem sets with detailed feedback. Familiar with Oxford assessment standards.   |                                     |
| <b>Graduate Teaching Assistant, Imperial College London</b>   | London, UK                          |
| • <i>MATH 96023 - Computational Linear Algebra (Winter 2021)</i>  |                                     |
| • Led tutorial sessions, supported mathematical problem solving, assisted with grading and exam review.   |                                     |
| <b>Undergraduate Teaching Assistant, Iowa State University</b>  | Ames, Iowa                          |
| • ECON 102 – Principles of Macroeconomics   | Fall 2016, Fall 2017                |
| • ECON 207 – Quantitative Methods in Economic Analysis I  | Spring 2017, Spring 2019, Fall 2019 |
| • MATH 341 – Statistics and Probability I   | Spring 2018, Fall 2019              |

## ACADEMIC AND PASTORAL SUPPORT EXPERIENCE

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| <b>Porter</b> , New College Gradel Accommodation Lodge   | Oxford, UK     |
| Apr 2025 – Jun 2025  |                |
| • Assisted with student check-ins, guest access, and building security during term and conference season.            |                |
| • Provided first point of contact for residents' inquiries and helped coordinate maintenance and logistical support. |                |
| <b>Teaching, Learning, &amp; Student Experience Intern</b> , University of Manchester                                | Manchester, UK |
| 2022–2023  |                |
| • Supported School of Social Sciences in student wellbeing and learning.   |                |
| • Helped students navigate mitigating circumstances, assessment extensions, and academic stress.                     |                |
| • Coordinated with assessment teams; experience relevant to pastoral duties of a college lecturer.                   |                |
| <b>Research Assistant</b> , Federal Reserve Bank of Chicago  | Chicago, IL    |
| Oct 2021 – Sept 2022   |                |
| • Conducted microeconomic research under Dr. Bhashkar Mazumder.  |                |
| • Quantified impact of student debt on life outcomes.  |                |
| • Participated in division-wide discussions and assisted with policy papers.   |                |
| <b>Economic Affairs Intern (co-op)</b> , United Nations  | New York, NY   |
| May 2018 – Dec 2018  |                |
| • Supported Financing for Development Office within DESA.  |                |
| • Drafted official summaries and contributed to statistical analysis and intergovernmental coordination.             |                |

## ACADEMIC INTERESTS

**Microeconomic Theory, Game Theory, and Information Design.** Research focuses on strategic behavior under asymmetric information, optimal information structures, and dynamic incentive mechanisms. Strongly aligned with upper-year undergraduate microeconomics curriculum.

## SELECTED AWARDS AND HONORS

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|---|-----------------|
| Oxford University Business Economics Programme (OUBEP) Scholarship          | 2023–2027       |
| School of Social Science Studentship in Economics, University of Manchester | 2022            |
| Stewart Research Award – Best Honors Thesis in Economics                    | 2019            |
| Marian Daniells Mathematical Scholarship                                    | 2018            |
| LAS Student Teaching Scholarship (Teaching Excellence)                      | 2017, 2018      |
| LAS International Student Scholarship – Full Tuition                        | 2015–2019       |
| Phi Beta Kappa, Golden Key, Order of Omega                                  | Honor Societies |

## TECHNICAL PROFICIENCY

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| <b>Mathematical Software</b> | Python, MATLAB, Stata, R     |
| <b>Typesetting</b>           | LaTeX                        |
| <b>Data Analysis</b>         | NumPy, Pandas, Matplotlib    |
| <b>Web</b>                   | HTML5, CSS                   |
| <b>Documentation</b>         | Microsoft Office, PowerPoint |

## REFERENCES

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**Professor Simon Cowan**  
Department of Economics, University of Oxford  
Email: simon.cowan@economics.ox.ac.uk

**Professor Christopher Bowdler**  
Department of Economics, University of Oxford  
Email: christopher.bowdler@economics.ox.ac.uk