

# ALEXANDER J. SMITH

PH.D. CANDIDATE & RESEARCHER

+44 7700 900 123

alex.smith@research.ox.ac.uk

linkedin.com/in/alexjsmith

Oxford, United Kingdom

## PROFESSIONAL SUMMARY

Rigorous and dedicated researcher with over 6 years of academic and professional experience in Development Economics and Data Science. Proven track record of securing competitive research grants, publishing in high-impact journals, and teaching undergraduate students. Expertise in quantitative analysis (STATA, Python) and qualitative field research. Passionate about leveraging data-driven insights to inform public policy in developing nations.

## EDUCATION

### Doctor of Philosophy (Ph.D.) in Economics

Sep 2023 – Present

*University of Oxford, United Kingdom*

- Thesis:** "Digital Financial Inclusion: Barriers and Opportunities in Sub-Saharan Africa."
- Supervisor:** Prof. Elizabeth Warren.
- Awarded the prestigious *Clarendon Scholarship* (Full Funding).

### Master of Science in Data Science

Sep 2021 – Jun 2023

*Massachusetts Institute of Technology (MIT), USA*

- CGPA:** 4.9 / 5.0 (Distinction).
- Selected as Teaching Assistant for "Introduction to Machine Learning" (CS50).

## PROFESSIONAL EXPERIENCE

### Senior Research Analyst

Jun 2023 – Present

*The World Bank Group, Washington D.C.*

- Lead a team of 5 junior analysts to monitor and evaluate the impact of a \$50M agricultural subsidy program in East Africa.
- Designed and implemented a randomized control trial (RCT) involving 2,000 households.

- Authored policy briefs presented to the Ministry of Finance, resulting in a 15% policy adjustment budget allocation.

## Data Consultant

Jan 2020 – May 2021

### *McKinsey & Company, London*

- Analyzed large datasets using Python and SQL to optimize supply chain logistics for a Fortune 500 client.
- Developed interactive dashboards in Tableau to visualize real-time inventory levels, reducing waste by 20%.

## SELECTED PUBLICATIONS

---

- **"The Role of Mobile Banking in Rural Poverty Alleviation."**  
*Journal of Development Economics, Vol. 45, Issue 2, 2024.*  
Authors: **Smith, A.J.**, & Johnson, K.
- **"Machine Learning Approaches to Predicting Crop Yields."**  
*International Conference on AI for Good (ICAI), 2023.*  
Authors: **Smith, A.J.**, Lee, M., & Gupta, R.

## AWARDS & GRANTS

---

- **2024:** Research Grant (\$10,000) – Economic and Social Research Council (ESRC).
- **2023:** Best Graduate Thesis Award – MIT Dept. of Data Science.
- **2021:** Innovation in Analytics Award – McKinsey & Company.

## SKILLS & COMPETENCIES

---

### Quantitative Analysis:

STATA, R, Python (Pandas, Scikit-Learn), SPSS, MATLAB.

### Qualitative Research:

Survey Design (ODK, KoboToolbox), Focus Group Facilitation.

### Languages:

English (Native), French (Fluent C1), Spanish (Basic A2).

## REFERENCES

---

### **Prof. Elizabeth Warren**

Dept. of Economics, Oxford University

[elizabeth.warren@ox.ac.uk](mailto:elizabeth.warren@ox.ac.uk)

### **Dr. Michael Chang**

Senior Economist, The World Bank

[mchang@worldbank.org](mailto:mchang@worldbank.org)