Tyler J Reinmund

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LinkedIn: tyler-reinmund

EDUCATION

University of Oxford	Oxford, UK
DPhil in Computer Science	2021–Present
University College London	London, UK
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MSc in Science, Technology, and Society, Award: Distinction	2020-2021
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University of Oxford	Oxford, UK
Master of Business Administration, Award: Distinction	2019-2020
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Rensselaer Polytechnic Institute	Troy, US
B.S. in Biomedical Engineering	2012-2016

PUBLICATIONS

- [1] **T. Reinmund**, P. Salvini, L. Kunze, M. Jirotka, and A. F. T. Winfield, "Variable Autonomy Through Responsible Robotics: Design Guidelines and Research Agenda", *ACM Transactions on Human-Robot Interaction*, Forthcoming.
- [2] **T. Reinmund**, "Designing Data Science Software for Social Care Organisations", in *Extended Abstracts* of the 2023 CHI Conference on Human Factors in Computing Systems, 2023, pp. 1–8.

RESEARCH EXPERIENCE

Research Assistant at University of Oxford

May 2022–August 2022

Curated repository of methods for practitioners to apply value sensitive design and responsible innovation principles in product development.

Research Assistant at University of Oxford

January 2022–May 2022

Conducted review on approaches to dynamically adjust autonomy in robotic agents. Developed variable autonomy framework based on responsible innovation.

Research Assistant at Rhodes AI Lab

January 2020-June 2020

Collaborated with UN World Food Program to identify technology interventions for food aid processes. Conducted interviews with researchers in development economics and computer science to inform interventions. Developed implementation approach for satellite image analysis application to detect informal settlements in urban environments.

TEACHING

Teaching Assistant at University of Oxford

Hilary Term 2023

Ethical Computing in Practice

Hilary Term 2022

Teaching Assistant at University of Oxford

Computers in Society

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SCHOLARSHIPS AND AWARDS

• Full Scholarship for DPhil in Computer Science	2021 - 2025
• Saïd Business School, Top 5% of Cohort	2019-2020
• Saïd Business School, Dean's List	2019-2020
Rensselaer Polytechnic Institute Leadership Award	2012-2016

SERVICE

Lead at Responsible Technology Institute Student Network

2020-Current

Coordinate international and interdisciplinary network for graduate students interested in responsible technology. Facilitate reading groups, work-in-progress seminars, and panel discussions.

Chair at Oxford Business Network for Technology

2019 – 2020

Led a professional development organisation of 160 students. Coordinated employer presentations, on-site visits, and skill development workshops. Facilitated responsible innovation workshop with Oxford academics and industry experts.

Professional Experience

PhD Associate at UK-based Consultancy

October 2021-Present

Conduct collaborative research on the use of machine learning systems in health and social care. Company name redacted to preserve anonymity of research participants.

Senior Consultant at Deloitte

September 2018–September 2019

Led, managed, and advised global cross-functional teams through cyber security software implementations. Initiated and led development and facilitation of firm-sponsored training for colleagues.

Consultant at Deloitte

September 2016–September 2018

Collaborated with global teams to create marketing, methodology, and engagement accelerator content for 3 expanding service offerings. Gained expertise across critical areas of consulting, including presentation story line creation, professional services proposal responses, and project management skills.

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