Ge (Tiffany) Wang

DPhil (Ph.D) Student in Computer Science
University of Oxford
ge.wang@cs.ox.ac.uk | tiffanygewang.com
Wolfson Building, Parks Road, Oxford, OX1 3QD

Education

University of Oxford, Oxford, United Kingdom   2019 - 2023
DPhil (Ph.D)., Computer Science
Thesis: *Data Autonomy in the Age of AI: Designing Autonomy-Supportive Data Tools for Children & Families*
Supervisor: *Sir Nigel Shadbolt, Jun Zhao*

University College London, London, United Kingdom   2017 - 2018
Master of Science with Distinction (Ranked 1st in Class), Information Science

University of Oxford, Oxford, United Kingdom   2014 - 2017
Bachelor of Arts with Honours, Physics

Awards and Honours

2023	Best Paper Award, ACM CHI
2023	Best Paper Honourable Mention Award, ACM CHI
2023	Special Recognitions for Outstanding Reviews, ACM CHI
2023	MPLS Impact Award, Oxford (nominations), Oxford
2022	Best Paper Honourable Mention Award, ACM CSCW
2022	Impact Recognition Award, ACM CSCW
2022	Honourable Mention Award, 11th UK Doctoral Researcher Awards (DRA)
2022	Best Paper Honourable Mention Award, ACM CHI
2022	Winner of the Student Paper Award of the FPF Privacy Papers for Policymakers
2018	Best Dissertation Award, UCL
2018	MSc Award in Information Science, UCL
2014	Fung Scholarship, Oxford (up to ten fung scholars are nominated each year)

Grants

2023	CHAILD - Children's Agency In the age of AI: Leveraging InterDisciplinarity (Lead researcher, co-author). PI: Jun Zhao, Carina Prunkl, Manolis Mavrikis £1M, under review, UKRI Cross Research Council Responsive Mode Pilot Scheme

Publications

Top-tier venues in computer science and human-computer interaction research appear at ACM conferences such as CHI and CSCW. They are highly selective venues and intended for archival papers only. These conferences often exceed journals in their selectivity, visibility, and impact. Submissions undergo multiple rounds of review before being accepted for publication. In 2018, CSCW transitioned to a hybrid journal structure and renamed itself Proceedings of the ACM on Human-Computer Interaction. CSCW (PACMHCI: CSCW). ** indicates co-first authorship.*

Refereed Conference , Journal and PACM (Conference-Journal Hybrid) Papers

[P16] **Ge Wang**, Jun Zhao, Samantha-Kaye Johnston, Zhilin Zhang, Max Van Kleek, and Nigel Shadbolt. PodTok: A Proof-of-Concept System Supporting Children's Sense of Data Autonomy on Social Media. *(In submission to)* CHI 2024.

[P15] **Ge Wang**, Jun Zhao, Konrad Kollnig, Adrien Zier, Blanche Duron, Zhilin Zhang, Max Van Kleek, and Nigel Shadbolt. "At night you lock your door and keep yourself secure; but you never think about this opening you up.": A New Approach to Mobile Datafication Risks for Families. *(In submission to)* CHI 2024.

[P14] Yumeng Zhu*, **Ge Wang***, Jun Zhao, Yan Li. Adolescents' Willingness to Disclose Personal Data on Video Platforms: the Magic of Habits and Trust *(In submission to)* CHI 2024.

[P13] Samantha-Kaye Johnston, Mireia Vendrell Morancho, Jun Zhao, **Ge Wang**. Cultivating AI literacy through digital autonomy: Empowering students and teachers as co-creators of AI in education. *(In submission to)* *Computers and Education: Artificial Intelligence.*

[P12] **Ge Wang**, Jun Zhao, Max Van Kleek, and Nigel Shadbolt. Challenges and Opportunities in Translating AI Principles into Practice for Children. *(In submission to)* *Nature Machine Intelligence.*

[P11] **Ge Wang**, Kaiwen Sun, Ayça Atabey, Zhen Bai, Grace C Lin, Jason C Yip, Jun Zhao. Special Issue on Child-Centred AI: A Special Issue Proposal for International Journal of Human–Computer Interaction. *(In submission to)* *International Journal of Human-Computer Studies.*

[P10] Yumeng Zhu*, **Ge Wang***, Yan Li, Jun Zhao. Understanding Children's Perception of Datafication Online in China. *(In submission to)* *International Journal of Human-Computer Studies.*

[P9] **Ge Wang**, Jun Zhao, Max Van Kleek, and Nigel Shadbolt. Treat me as your friend, not a number in your database": Co-designing with Children to Cope with Datafication Online. *In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems.*
CHI 2023 🏆 **Best Paper Award**

[P8] **Ge Wang**, Jun Zhao, Max Van Kleek, and Nigel Shadbolt. 12 Ways to Empower: Designing for Children's Digital Autonomy. *In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems.*

CHI 2023 🎗 **Best Paper Honourable Mention**

[P7] **Ge Wang**, Kaiwen Sun, Ayça Atabey, Kruakae Pothong, Grace C Lin, Jun Zhao, Jason C Yip. Child-Centred AI Design: Definition, Operation, and Considerations. *In Proceedings of the 2023 CHI Conference on Human Factors in Computing Systems Extended Abstracts* CHI EA '23

[P6] Jun Zhao, Blanche Duron, **Ge Wang**. KOALA Hero: Inform Children of Privacy Risks of Mobile Apps. *In Proceedings of the 2022 ACM Interaction Design and Children Conference: Extended Abstracts* IDC EA '22

[P5] **Ge Wang**, Jun Zhao, Max Van Kleek, and Nigel Shadbolt. 'Don't make assumptions about me!': Understanding Children's Perception of Datafication Online. *In Proceedings of the ACM: Human-Computer Interaction, Computer-Supported Cooperative Work and Social Computing.*

CSCW 2022 🎗 **Best Paper Honourable Mention** 🎗 **Impact Recognition Award**

[P4] **Ge Wang**, Jun Zhao, Max Van Kleek, and Nigel Shadbolt. Informing Age-Appropriate AI: Examining Principles and Practices of AI for Children. *In Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems.*

CHI 2022 🎗 **Best Paper Honourable Mention** 🎗 **Honourable Mention Award, UKDRA**

[P3] **Ge Wang**, Jun Zhao, Max Van Kleek, and Nigel Shadbolt. Protection or Punishment? Relating the Design Space of Parental Control Apps and Perceptions about Them to Support Parenting for Online Safety. *In Proceedings of the ACM: Human-Computer Interaction, Computer-Supported Cooperative Work and Social Computing.* CSCW 2021

[P2] Konrad Kollnig, Reuben Binns, Pierre Dewitte, Max Van Kleek, **Ge Wang**, Daniel Omeiza, Helena Webb, Nigel Shadbolt. A Fait Accompli? An Empirical Study into the Absence of Consent to Third–Party Tracking in Android Apps. *In Symposium on Usable Privacy and Security.*

SOUPS 2021 🎗 **Winner of the Student Paper Award**

[P1] Jun Zhao, **Ge Wang**, Carys Dally, Petr Slovak, Julian Edbrooke-Childs, Max Van Kleek, and Nigel Shadbolt. 'I make up a silly name': Understanding Children's Perception of Privacy Risks Online. *In Proceedings of the 2022 CHI Conference on Human Factors in Computing Systems.* CHI 2019

Refereed Workshop Papers, Posters, and Demos

[W3] **Ge Wang**, Jun Zhao, Max Van Kleek, and Nigel Shadbolt. Unpacking Parental Control Apps for Online Safety. *In Symposium on Usable Privacy and Security.* SOUPS 2022

[W2] **Ge Wang**, Jun Zhao. What They Say and What They Do: The Need to Unpack the Datafication Practices in Children's Recommendations. *In IDC KidRec Workshop.*
IDC KidRec 2022

[W1] **Ge Wang**, Jun Zhao. Ethical Considerations on Positioning the Normative Stance when working with Children. *In IDC Ethical Considerations of Distributed Participatory Design with Children Workshop.*
IDC ECDPD 2022

Academic Reports

[R4] Jun Zhao, **Ge Wang**. Response to public consultation for the Online Safety Bill By the UK Parliament. 2022.

[R3] **Ge Wang**, Jun Zhao, and Nigel Shadbolt. Datafied Childhood: How Children Perceive Datafication Risks Around Them. *KOALA Project Report 5.* 2021.

[R2] **Ge Wang**, Jun Zhao, and Nigel Shadbolt. What concerns do Chinese parents have about their children's digital adoption and how to better support them? *KOALA Project Report 4.* 2019.

[R1] **Ge Wang**, Jun Zhao, and Nigel Shadbolt. Are Children Fully Aware of Online Privacy Risks and How Can We Improve Their Coping Ability? *KOALA Project Report 3.* 2019.

Thesis

[T1] **Ge Wang**. Towards A More Holistic Approach in Entity Resolution with Active Learning Algorithms. *UCL Master of Science, Thesis.* 2018.

Professional Service

Programme Committees

2024 IJHCS	Program Committee. Editorial Board. Special Issue on Child-Centred AI, International Journal of Human Computer Studies
2023 CSCW	Program Committee. ACM CSCW Posters
2023 CHI	Program Committee. Lead Organiser. ACM CHI Workshop on Child-Centred AI Design: Definition, Operation, and Considerations (CHI CCAI)
2023 CHI	Program Committee. ACM CHI Late-Breaking Work (LBW)
2023 IJCAI	Assistant Workflow Chair. IJCAI

Operations Committees

2022, 2023 CHI	Student Volunteer. ACM CHI
2023 CHI PLAY	Student Volunteer. ACM CHI PLAY
2022 CSCW	Student Volunteer. ACM CSCW
2021 Oxford HCC	Organising Committee. HCC Symposium

Paper Reviewing

2019 - 2023	ACM Conference on Human Factors in Computing Systems (CHI)
	🎗 **Special Recognitions for Outstanding Reviews**
2019 - 2023	ACM Computer-Supported Cooperative Work and Social Computing (CSCW)
2019 - 2023	The Annual Symposium on Computer-Human Interaction in Play (CHI PLAY)
2019 - 2023	ACM Interaction Design and Children (IDC)

Teaching

2023	CS Undergraduate Course: *Ethical Computing in Practice.* University of Oxford. Teaching Assistant *(nominated for teaching award)*.
2023, 2022	CS Undergraduate & Master Course: *Requirements.* University of Oxford. Teaching Assistant
2021	CS & Engineering Masters Course: *Interaction Design.* University of Oxford. Teaching Assistant

Research Mentoring

2023 - present	Yumeng Zhu (PhD student at Zhejiang University). *Visiting Student Project.*
2022 - 2023	Lily Sowden (Undergraduate student at University of Oxford). *Final Year Student Project.*
2022	Adrien Zier (Undergraduate student at University of Edinburgh). *EWADA Project Summer Internship .*
2021-2022	Sian Saul (Undergraduate student at University of Oxford). *Final Year Student Project.*
2021	Blanche Duron (Master graduate student at EPFL). *KOALA Project Summer Internship .*
2020	CS Undergraduate Group Design Mentor. Department of Computer Science, University of Oxford.

Invited Talks & Media Coverage

2023	**Invited Talk on Child-Centred AI: Design and Considerations** Carnegie Mellon University, Vincent Group Meeting (2023.5) ACM CHI CCAI Workshop Opening Speech (2023.4)
2023	**Oxford Inspired Research Newsletter (Summer 2023, Issue 23)** Our research is reported in the Oxford Inspired Research, a twice-yearly newsletter published by the Department of Computer Science, University of Oxford.
2022	**Invited Talk on Designing for Families' Data in the Age of AI**

	MIT Computer Science & Artificial Intelligence Laboratory (2022.8)
	MIT Scheller Teacher Education Program & The Education Arcade (2022.8)
2022	**Invited Talk on Age-Appropriate AI: Gaps, Challenges and What May Future Look Like**
	Oxford MPLS Science Together Forum (2022.7)
	Venice Colloquium (2022.4)
	Oxford Science and Ideas Festival (2022.3)
	UK Safer Internet Center (2022.2)
2022	**Leys-Oxford App Club**
	Led a 6-week app development workshop for underprivileged youth, culminating in the creation of a prototype app for their local youth centre.
2022	**US Federal Trade Commission**
	In a report by the US Federal Trade Commission (FILED 11/17/2022 OSCAR NO 606208), our research has been cited to support their call for attention to support younger children and tackle the misplaced emphasis on relying on parents to safeguard children at all times.
2020	**Office of the Australian Information Commissioner**
	In a 2020 report published by the Office of the Australian Information Commissioner, our research has been cited to support their call for attention on privacy risks and harms for children.
2020	**Oxford Inspired Research Newsletter (Winter 2020, Issue 17)**
	Our research is reported in the Oxford Inspired Research, a twice-yearly newsletter published by the Department of Computer Science, University of Oxford.
2019	**Council of Europe**
	In a 2019 report published by the Council of Europe, our research has been cited to support their call for new children's data protection in education system

Reference

Sir Nigel Shadbolt FRS FREng FBCS
(doctoral advisor)
Professor
Principal of Jesus College
Theme Head of Human Centred Computing
Department of Computer Science
University of Oxford
nigel.shadbolt@cs.ox.ac.uk

Sir Timothy John Berners-Lee OM KBE FRS FREng FRSA DFBCS RDI
Professor
Department of Computer Science
University of Oxford
Massachusetts Institute of Technology
tim.berners-lee@cs.ox.ac.uk

Yvonne Rogers FRS

(thesis examiner)

Professor

Director of UCLIC

Deputy Head of the Computer Science Department

University College London

y.rogers@ucl.ac.uk

Jun Zhao

(doctoral advisor)

Senior Research Fellow

Department of Computer Science

University of Oxford

jun.zhao@cs.ox.ac.uk

Reuben Binns

Associate Professor

Department of Computer Science

University of Oxford

reuben.binns@cs.ox.ac.uk

Victoria Nash

(thesis examiner)

Associate Professor

Director of Oxford Internet Institute

University of Oxford

victoria.nash@oii.ox.ac.uk

Max Van Kleek

Associate Professor

Department of Computer Science

University of Oxford

max.van.kleek@cs.ox.ac.uk