BIANCA SCHOR

PHD STUDENT IN COMPUTER SCIENCE UNIVERSITY OF CAMBRIDGE

PROFILE

I am a PhD student in Computer Science at the University of Cambridge. My interdisciplinary thesis investigates algorithmic system transparency for non-technical users, with a focus on human-centred design & HCI methodologies.

ACADEMIC DISCIPLINES

- Human-Computer Interaction (HCI)
- Interaction and UX Design
- Critical and Feminist Theories
- Visual Studies

AFFILIATIONS

- The Alan Turing Institute, London
- Computer Laboratory, Cambridge
- Leverhulme Centre for the Future of Intelligence, Cambridge
- Trinity College, Cambridge
- Compliant and Accountable Systems research group, Cambridge
- Women@CL, Cambridge
- WeCREATE, Cambridge Centre for AI in Medicine
- Centre for Human Inspired AI, Cambridge

PROGRAMMING SKILLS

- LateX, Microsoft suite (experienced)
- HTML, CSS (intermediate)
- Java, Python (beginner)

LANGUAGE SKILLS

- English, French, Italian (fluent)
- Russian (advanced)
- Spanish, Japanese (beginner)

ACADEMIC TRAINING

PhD in Computer Science, UK
University of Cambridge | January 2022 - Present

- PhD in Human-Computer Interaction
- Supervisors: Prof Alan F. Blackwell, Dr Jatinder Singh
- Fully funded by Trinity College Internal Graduate Studentship, Cambridge

MA in History of Art, UK
University of London | October 2016 - June 2017

- Research MA in Art & Science History (distinction)
- Supervisor: Prof Joanna Woodall
- Fully funded by Trinity College Travelling Studentship

Cantab MA (Hons) in Modern and Medieval Languages, UK
University of Cambridge | October 2012 - June 2016

- MA in Russian and Italian (first class every year)
- Course in coding with Code First
- Junior and senior scholar, Trinity College, Cambridge

PROFESSIONAL EXPERIENCE

Founder & CEO, France
Curious Connect | March 2018 - September 2021

- Designed an innovative matching system to facilitate under-privileged students' access to university
- Trained +150 undergraduate & masters students
- Hired and managed a team of 7 engineers & education professionals
- Social impact design and entrepreneurship prizes: Live For Good - Prix Gabriel 2020, Diversidays 2019, Vivatech 2018

Research Assistant, UK & France
Sotheby's | February 2017 - December 2017

- Applied and visual research in European art
- Managed large databases of artworks

ACADEMIC PRIZES & AWARDS

- Community award, The Alan Turing Institute 2022-23
- Graduate studentship, Trinity College 2020 - 24
- MA dissertation prize, University of London 2017
- Travelling studentship, Trinity College 2016-2017
- Junior and senior scholar, Trinity College 2013-16

PROFESSIONAL SKILLS

- Academic and applied research
- Product & service design
- Tech entrepreneurship
- Project & team management
- Visual analysis
- Teaching & coaching

CONFERENCE & TALKS

- Oxbridge Women in Computer Science Conference (speaker) April 23
- Alan Turing Institute, PhD Presentation Feb 23
- CHIA launching event, Poster Feb 23
- Cancer Research UK talk: 'ML for endometriosis diagnosis' Jan 23
- Women@CL talk: 'Leveraging ML for women's health: towards better endometriosis diagnostic tools' Nov 22
- ACM DIS '22 Doctoral Consortium on Digital Wellbeing (speaker) June 22
- CRASSH event Children & AI: risks, opportunities, and the future (co-organiser and speaker) April 22
- ACM FAccT '23 (sub-reviewer)
- ACM NordiCHI '22 (sub-reviewer)

VOLUNTEERING

- Live For Good - social entrepreneur mentor 2021-22
- Diversidays - speaker 2019-2021
- Green Impact - auditor 2014

HOBBIES

- Captain of the women's competitive team, Cambridge University Triathlon Club (CUTriC)
- Feminist literature and papers
- World independent cinema
- Prototyping and creative writing
- Plant-based cooking experiments

CONTACT DETAILS

Full name: Bianca, Giulia, Sarah Schor
Email: bgss2@cam.ac.uk
Phone: +44 785007276
Address: Trinity College, Cambridge
CB2 1TQ United-Kingdom
https://www.linkedin.com/in/bianca-schor/

PUBLICATIONS

- Bianca G. Schor, Jatinder Singh, and Alan Blackwell. 2024. Algorithmic System Transparency for whom? Reconfiguring the relationship between users, designers and researchers in HCI. in ACM CHI Conference on Human Factors in Computing Systems (in preparation)
- Bianca G. Schor, Chris Norval, Ellen Matin Charlesworth, Jatinder Singh. 2023. Standards vs Reality: Designing Transparent Algorithmic Systems for Users. In ACM Conference on Fairness, Accountability and Transparency (under review)
- Bianca G. Schor, Jatinder Singh. 2023. Supporting Technoparenting: Towards Meaningful Information for Parents on Social Media and Online Games. (in preparation)
- Bianca G. Schor, Jatinder Singh, and Alan Blackwell. 2023. The Visual Culture of Design for Algorithmic System Transparency. An Analytic Case Study of the APB and Parcoursup Systems (in preparation)
- Bianca G. Schor, Jatinder Singh, and Alan Blackwell. 2022. Making Algorithmic Systems More Meaningfully Transparent for Users Through Visualisation. In Designing Interactive Systems Conference (DIS '22 Companion). Association for Computing Machinery, New York, NY, USA, 18–20. https://doi.org/10.1145/3532107.3532875

TEACHING EXPERIENCE

Supervisor & Demonstrator, UK
University of Cambridge | October 2021 - June 2023

- Supervising final-year BA dissertation in HCI
- Supervising Computer Science BA students in interaction design, further HCI and business studies
- Demonstrating in interaction design

Lecturer in UX Design, France
ECV Digital School | February 2022 - March 2022

- Delivering BA course "introduction to UX design"
- Creating pedagogical content and exam paper
- Examiner (written and oral examinations)