Ulrik Lyngs
Curriculum vitae

Personal summary

I am a computer scientist, cognitive psychologist, and musician. I am passionate about applying insights from the behavioural neurosciences to design digital technology that is sensitive to human limitations and biases, particularly in relation to attention and self-regulation.

📍 Department of Computer Science, University of Oxford, Oxford, UK

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Selected Publications

Ulrik Lyngs, Kai Lukoff, Petr Slovak, Reuben Binns, Adam Slack, Michael Inzlicht, Max Van Kleek, Nigel Shadbolt (2019). *Self-Control in Cyberspace: Applying Dual Systems Theory to a Review of Digital Self-Control Tools*[1] Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems ✿ *Honourable Mention*

Ulrik Lyngs (2019). *Putting Self-Control at the Centre of Digital Wellbeing*[2] CHI'19 Workshop: Designing for Digital Wellbeing

Reuben Binns, Ulrik Lyngs, Max van Kleek, Jun Zhao, Timothy Libert, Nigel Shadbolt (2018). *Third party tracking in the mobile ecosystem*[3] Proceedings of the 2018 ACM Web Science Conference ✿ *Best Paper*

Ulrik Lyngs, Reuben Binns, Max van Kleek, Nigel Shadbolt (2018). *So, Tell Me What Users Want, What They Really, Really Want!*[4] Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems

Reuben Binns, Max van Kleek, Michael Veale, Ulrik Lyngs, Jun Zhao, Nigel Shadbolt (2018). *It's Reducing a Human Being to a Percentage': Perceptions of Justice in Algorithmic Decisions*[5] Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems

Ulrik Lyngs and Ryan McKay (2017). *'It's More Fun With My Phone': A Replication Study of Cell Phone Presence and Task Performance*[6] Proceedings of the 39th Annual Conference of the Cognitive Science Society

Ulrik Lyngs, Emma Cohen, Wall Hattori, Martha Newson, and Dan Levin (2016). *Hearing in Colour: How Expectations Distort Perception of Skin Tone*[7] Journal of Experimental Psychology: Human Perception and Performance, 42 (12), 2068-2076

Education

2016 — 2020	DPhil in Computer Science, University of Oxford
2012 — 2013	MSc in Cognitive and Evolutionary Anthropology, University of Oxford
2011 — 2016	MA in the Study of Religion & Cognitive Psychology, Aarhus University
2007 — 2011	BA in the Study of Religion & Psychology, Aarhus University

Grants and Awards

2019	Best Talk Award (£200), 2019 Oxford Computer Science Conference, University of Oxford
2018	Best Paper Award (€500), 10th ACM Conference on Web Science, Amsterdam
2018	Student Research Competition Grant ($500), ACM CHI'18
2017	DOMUS Prize for Outstanding Research Communication (£500), Linacre College, University of Oxford
2017	Designing for Curiosity Workshop Grant (€400), ACM CHI'17
2017	Student Research Competition Grant ($500), ACM CHI'17
2013	Lienhard & Bagby Research Grant (£1,000), Institute of Social & Cultural Anthropology, University of Oxford

Media coverage

2018	Our paper 'Third Party Tracking in the Mobile Ecosystem' covered in the Financial Times[8], BBC[9], The Times[10], Business Insider[11], and more

Selected work experience

2019	**R Markdown Instructor** TIER Faculty Development Workshop[12], St. Anne's College, University of Oxford Taught a 2-day master class in Reproducible Research to 20+ research staff and faculty from research institutions across Europe.
2017 — present	**Web developer** SOCIAM.org[13], Dept. of Computer Science, University of Oxford Built sociam.org (archiving outputs of a 5.5 year EPSCR research project involving 55+ researchers, 40+ projects, and 400+ publications) from scratch in Drupal 7, assisted by two summer interns. Ongoing maintenance, feature development, and content curation.
2013 — 2016	**Festival Producer and Manager** Institute of Art and Ideas, London Generated ideas and wrote programme copy for 250+ panel debates for the internationally renowned philosophy and music festival HowTheLightGetsIn[14]; interviewed (600+) and booked (150+) world- leading thinkers, including Cory Doctorow, Aubrey de Grey, and Simon Baron-Cohen; led and managed a research team of two full-time and music team of three full-time staff.

Software development

2019	Dashboard for visualising facebook use[15], developed with R, shiny, and `flexdashboard` Originally developed for research study on Facebook use among Oxford University students in the autumn of 2018
2019	`oxforddown`[16], R package for writing an Oxford University thesis with R Markdown
2018	`chi-proc-rmd-template`[17] and `chi-ea-template`[18], R packages for writing ACM CHI submissions with R Markdown

Technical skills

- *Programming, data analysis and visualisation* in R (tidyverse), Python, and D3.js

- *Reproducible research with dynamic documents* in R Markdown (bookdown, xaringan, pagedown) + LaTeX

- *Web development* (HTML, CSS, JavaScript, Drupal, Hugo, blogdown, Jekyll + GitHub)

Professional development

2018	Invited participant at the Global Dialogue for Happiness, World Government Summit[19], Dubai
2017	Leading for Impact[20] fellowship, 4-month leadership training programme at Saïd Business School, University of Oxford

Selected talks

2019	*Computing Everything? The Limits of Algorithmic Learning (panel chair)*, 2019 Oxford Computer Science Conference, University of Oxford
2019	*Self-Control in Cyberspace: Applying Dual Systems Theory to a Review of Digital Self-Control Tools*, 2019 CHI Conference on Human Factors in Computing Systems, Glasgow, UK
2019	*Putting Self-Control at the Centre of Digital Wellbeing*, Designing for Digital Wellbeing workshop, 2019 CHI Conference on Human Factors in Computing Systems, Glasgow, UK
2018	*So, Tell Me What Users Want, What They Really, Really Want!*, AI, Society, and the Media, BBC Radio Theatre, New Broadcasting House, London
2018	*Hacking the Attention Economy*, Hackathon at CodeBase, Edinburgh, organised by the UnBias[21] project, University of Oxford
2018	*Evaluating Anti-Distraction Browser Extensions for Facebook*, Human Centred Computing research seminar, CS Dept., University of Oxford
2017	*Distraction and Self-Regulation in Social Machines*, The Theory and Practice of Social Machines, Jesus College, University of Oxford

Personal skills & volunteering

2017 — present	**Computer Science Ambassador** Dept. of Computer Science, University of Oxford I give talks about my group's and my personal research to 14-18 year old students from UK schools visiting the Computer Science Department
2017 — present	**Founding Band Member** The Karaoke Collective Inventor, MC and drummer in 'The Karaoke Collective'[22], an eclectic group of seasoned musician in Oxford and London, which blends the fun of karaoke with the magic of a live band.
2013 — 2016	**Interview Coach** Oxbridge Interviews, Oxfizz[23] Provided interview training for 30+ teenagers from non-traditional family backgrounds wishing to apply to the universities of Oxford or Cambridge.

Links

1. https://ulriklyngs.com/publications↩

2. https://ulriklyngs.com/file/102/download?token=YRZoq5qR↩

3. https://dl.acm.org/citation.cfm?doid=3201064.3201089↩

4. https://dl.acm.org/citation.cfm?id=3188397↩

5. https://dl.acm.org/citation.cfm?id=3173951↩

6. https://mindmodeling.org/cogsci2017/papers/0501/index.html↩

7. https://psycnet.apa.org/record/2016-49029-001↩

8. https://ig.ft.com/mobile-app-data-trackers/↩

9. https://www.bbc.co.uk/news/technology-45952466↩

10. https://www.thetimes.co.uk/article/personal-data-harvesting-by-mobile-phone-apps-is-out-of-control-pb2m2kwkj↩

11. https://www.businessinsider.com/google-and-facebook-big-data-apps-oxford-study-finds-2018-10?r=UK&IR=T↩

12. https://www.projecttier.org/fellowships-and-workshops/faculty-development-workshops/↩

13. https://sociam.org/↩

14. https://howthelightgetsin.org/↩

15. https://ulriklyngs.shinyapps.io/fb-dashboard-rose/↩

16. https://github.com/ulyngs/oxforddown↩

17. https://github.com/ulyngs/chi-proc-rmd-template↩

18. https://github.com/ulyngs/chi-ea-rmd-template↩

19. https://www.worldgovernmentsummit.org↩

20. https://www.sbs.ox.ac.uk/research/skoll-centre-social-entrepreneurship/social-impact-education/leading-impact↩

21. https://unbias.wp.horizon.ac.uk/↩

22. https://karaokecollective.com↩

23. https://oxfizz.org/↩