


## CURRENT POSITIONS

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|-------------|-----------|--|
| 2025–       | 🕒 1 month | <b>Independent Consultant:</b> Sustainable Digitalisation and Innovation, & Digital Media Literacy<br>Shakeri <i>et al.</i> , Strasbourg, France<br>CEO and Founder: Gözel Shakeri |
| 2024–       |           |  |
| 🕒 1.5 years |           | <b>Sustainable Business Consultant: Management, Digital Transformation, Behaviour Change</b><br>Ophtalmologic Group Practise, Lindau, Germany<br>CEO: Oguljermal Nurberdi, MD      |

## EDUCATION

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|-----------|---|
| 2015–2019 | <b>Ph.D in Human-Computer Interaction (Computer Science)</b> <br>University of Glasgow, Scotland, United Kingdom<br><i>Topic: Multimodal feedback for mid-air gestures when driving</i><br>Supervisors: Stephen Brewster, John H. Williamson |
| 2013–2014 | <b>Master of Computing Science</b><br>University of Glasgow, Scotland, United Kingdom<br><i>Focus: Artificial Intelligence and Image Processing</i><br>Supervisor: Paul Siebert   |
| 2009–2013 | <b>Bachelor of Computer Science</b><br>Technical University RheinMain, Wiesbaden, Germany<br><i>Focus: Embedded and Distributed Systems</i><br>Supervisor: Michael Sedlmayer, Liebherr, Lindenberg, Deutschland   |


## EXPERIENCE

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|-----------|--|
| 2023      | <b>Research Fellow (equivalent to Junior Professorship): Sustainable Digitalization</b><br>Responsibilities: Coordination of teaching in Media Informatics,<br>Acquisition of third-party funding, supervision of students and PhD candidates<br>Carl von Ossietzky Universität Oldenburg, Germany |
| 2021–2022 | <b>Postdoctoral Researcher: Sustainability through Digital Behavior Change Interventions</b><br>Carl von Ossietzky Universität Oldenburg, Germany  |
| 2019–2021 | <b>Postdoctoral Researcher: AI Systems to Support People with Dementia</b><br>University of Glasgow, Scotland, United Kingdom  |




## AWARDS AND HONORS

2023, Jan.	<b>Special Award for Outstanding Early-Career Researcher</b>  : For my research and vision of sustainable digitalization in food consumption Carl von Ossietzky Universität Oldenburg, Germany
2020, Oct.	<b>SICSA PhD Award for Best Dissertation</b>  : My Ph.D. dissertation was nominated in 2020 for the <b>Best Dissertation Award</b> in Comput Built and managed a [type of business] from the ground up, including business development, client acquisition, and operations. Delivered [X] projects/contracts with [type of clients]. Achieved [measurable result: revenue growth er Science at a Scottish university
2017, June	<b>Science Slam</b> : 2nd Place for the entertaining communication of my research  to the general public. The presentation was evaluated by the audience



## TOP PUBLICATIONS AND SCIENTIFIC PEER REVIEW

2016-2025	<b>Publications: 13 Conference and Journal Articles</b>  with 4 at the <b>leading (A*) international conference</b> in Human-Computer Interaction <b>CHI</b> (acceptance rate of ~25%); 5 short articles (1 at CHI), 8 workshop papers (5 at CHI), and 5 reports.
2016-2025	<b>Peer Review</b> : IEEE, ACM, and SIGCHI, including conferences such as ACM CHI, MobileHCI, ICMI, AutoUI, MuC, and UIST. I have reviewed at least 54 conference papers and 2 journal articles.

## START-UP FUNDING AND GRANTS

2021-2023 	~ <b>300k €</b> : Research Fellow, funded by the President's Program Budget  , Carl von Ossietzky Universität Oldenburg, Germany; ~ <b>300k €</b> : I secured 3 million euros together with the OFFIS Institute for Informatics through the VW Foundation  ; my share amounted to ~300k € for funding a Ph.D. student in sustainable digitalization, OFFIS, Oldenburg, Germany; ~ <b>10k €</b> : EPSRC IAA, University of Glasgow, Scotland, United Kingdom for an intern.
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## NETWORK AND TRANSFER

2020-2021  1.5 years	<b>Excellent Networking</b> : To ensure the impact of my research, I collaborated with industries (e.g. <b>Tesco</b> (the largest international retail chain), Food and Drink Federation Scotland), government agencies (e.g. Food Standards Agency), and non-governmental organizations (e.g. <b>WWF-UK</b> , Nourish Scotland)
2021, Nov.	<b>Conference of the Parties (COP26)</b> I secured the opportunity to present my research at COP26  , as a panelist at the Global Conference for Safety Regulation and Sustainability  and as a speaker at Nourish Scotland
2021  3 months	<b>UN Game Changers Lab</b> :  I secured a spot in the global Solutions Accelerator program; the final report was presented at the UN High-Level Political Forum on Sustainable Development 2021
2021 -	<b>Invited Expert Speaker: Panelist</b> : There is no Plan(et) B  ; <b>Keynote</b> : Digitalization as a Lever for Sustainability - ERC AMPLIFY  ; <b>Panelist</b> at Global Conference for Food Safety Regulation and Sustainability  , Food Standards Agency, Nourish Scotland; <b>Panelist</b> : SICSA's Resilience & Sustainability conference  ; as <b>invited sustainable digitalization expert</b> : Low carbon and sustainable computing, University of Glasgow, and Seminar in Media Informatics Oldenburg

## TEACHING, TEACHING COORDINATION, AND SUPERVISION

2022-2023 🕒 2 years	<b>Coordination of University Teaching:</b> Coordination of the smooth running of teaching modules and teaching staff in the HCI field at the University of Oldenburg (6 staff members)
2021-2023 🕒 2 years	<b>University Lecturer:</b> Fundamental Competences in Psychology III: Experiments and Studies; Sustainable Digital Future; Human-Computer Interaction
2015, 2019 🕒 2 years	<b>College Lecturer:</b> Web Development, Object-Oriented Programming (C#) (New College Lanarkshire, Lanarkshire, Scotland); Computing Fundamentals, Applied Maths, Computing (International Study Centre, University of Strathclyde, Glasgow, Scotland)
2020-2024 🕒 4 years	<b>Supervision of (Graduate) Students:</b> Supervision <a href="#">🔗</a> of one PhD student, two MSc theses, one BSc thesis, one research assistant, and one honours student (three out of five have published)

## ORGANIZATION OF INTERNATIONAL CONFERENCES

2022-2023	<b>Sustainability Chair</b> at CHI 2023 <a href="#">🔗</a> , Hamburg, Germany Activities: Reducing the carbon footprint of the CHI 2023 conference - the leading conference for Human-Computer Interaction (4000+ participants)
2022-2023	<b>Accessibility Chair</b> at CHI Play 2022 <a href="#">🔗</a> , Bremen, Germany and TEI 2023 <a href="#">🔗</a> , Warsaw, Poland Activities: Ensuring accessibility at these hybrid conferences (200 participants)
2019-	<b>Associate Chair</b> for ACM CHI 2023, ACM CHI LBW 2022, Mensch-und-Computer 2022, ACM CHI LBW 2021, ACM Automotive UI 2020, ACM CHI LBW 2020, ACM Automotive UI 2019 Activities: Recruiting experts for reviews
2017	<b>Student Volunteer Chair</b> for ICMI 2017 <a href="#">🔗</a> , Glasgow, Scotland, United Kingdom Activities: Leading 17 students to support the operational needs of the conference




## COMMUNITY SERVICE

🕒 1 year	<b>SIGCHI Sustainability Committee</b> <a href="#">🔗</a> , I helped develop international guidelines for HCI curricula and promoting sustainable research practices
2015 - 2018 🕒 3 years	<b>Athena SWAN (Scientific Women's Academic Network) Committee</b> Activities: Collecting and analyzing data on gender inequalities; Creating action plans for improvement; Raising awareness through events; Supporting mentoring and career development programs. School of Computing Science, University of Glasgow, Scotland, United Kingdom

## CERTIFICATES

2022-2023 🕒 1 year	<b>Leadership and Management Certificate</b> <a href="#">🔗</a> Carl von Ossietzky University Oldenburg, Germany
2022-2023 🕒 1.5 years	<b>University Pedagogical Certificate</b> <a href="#">🔗</a> Carl von Ossietzky University Oldenburg, Germany
2016 🕒 1 week	<b>Inference, Optimization, and Modeling for Interactive Systems Development</b> <a href="#">🔗</a> Aalto University, Helsinki, Finland

## EQUALITY, EQUAL OPPORTUNITIES, AND SOCIAL JUSTICE

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|-----------------------------|--|
| 2022-2023<br>🕒 2 years      | <b>Life in Academia:</b>  I organized this successful online seminar series (40+ participants), with high-profile guests (e.g., Lindy Elkins-Tanton, NASA), who debunked common myths about academic life (e.g., heroic figures, decolonial practice in academia).  |
| 2015-2021<br>🕒 7 years<br>🏆 | <b>Community Builder Award:</b> The School of Computer Science at the University of Glasgow recognized my efforts in creating an <i>inclusive</i> (e.g., gender equality through GWiCS  and the Athena SWAN  committee) and <i>thriving</i> community (e.g., annual cooking competitions). |

## LANGUAGES

**German:** Native language;  
**English:** C2 - Native-like proficiency  
**French:** B1 - Good proficiency;  
**Turkmen:** Native language

## ★ NON-ACADEMIC ACCOMPLISHMENTS

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|------------------------|--|
| 2025-<br>🕒 1 month     | <b>Founder and Director of Shakeri et al.:</b> I built and managed a consultancy from the ground up, including business development, client acquisition, and operations.               |
| 2022-2023<br>🕒 2 years | <b>Volunteer at Oxfam:</b> Every Friday, I volunteered at Oxfam, a charity focused on alleviating global poverty by selling second-hand goods.   |
| 2018-2020<br>🏆         | <b>Organizer and Winner of Three Cooking Competitions:</b> A friendly annual cooking competition at the School of Computing Science, University of Glasgow.                            |
| 2018, Nov.<br>🏆        | <b>Festival des Soupes:</b> An annual soup cooking competition in Provence, France. For my participation and cooking 10 liters of spicy coconut Thai soup, I received a cutting board. |

## PUBLICATIONS

### CONFERENCE

- K01 : L. Kuijer, K. Kaipainen, N.J. Bidwell, M. Fiedler, A. Friday, M. Hassenzahl, C. Lallemand, M. Laschke, D. Lockton, T. Olsson, A. Raake, K. Väänänen, E. Sari, G. Shakeri: *Towards a HCI Community that Prioritises Environmental Sustainability: Reflections on a Collection of Fictions*. In **CHI**, 2025.
- K02 : Yu, T., Shakeri, G., Koelle, M.: *"If you don't feel guilty, you won't take responsibility" - Co-Speculating on Digital Technologies That Encourage Sustainable Consumption*. In **NordiCHI**, 2024.
- K03 : Di Campli San Vito, P., Yang, X., Ross, J., Shakeri, G., Brewster, S., Venkatesh, S., Street, A., Fachner, J., Fernie, P., Muller-Rodriguez, L., Hung Hsu, M., Odell-Miller, H., Shaji, H., Itaborai, P., Farina, N., Banerjee, S., Kirke, A., and Miranda, E.: *RadioMe: Adaptive Radio with Music Intervention and Reminder System for People with Dementia in Their Own Home*. In **Augmented Humans**, 2024.
- K04 : Di Campli San Vito, P., Shakeri, G., Ross, J. Yang, X., Brewster, S.: *Development of a Real-Time Stress Detection System for Older Adults with Heart Rate Data*. In **PETRA**, 2023.
- K05 : Shakeri, G., McCallum, C. H.: *Envirofy your Shop: Development of a Real-time Tool to Support Eco-friendly Food Purchases Online*. In **CHI**, 2021.
- K06 : Nicolas Farina, Alex Street, Alexis Kirke, Jörg Fachner, Helen Odell-Miller, David Moffat, Satvik Venkatesh, Gözel Shakeri, Stephen Brewster, Sube Banerjee, and Eduardo Reck Miranda: *Real-time radio remixing for people with mild to moderate dementia who live alone, incorporating agitation reduction, and reminders (RadioMe): A Protocol paper*. Submitted to **International Journal of Human-Computer Studies**, Special Issue on Advances in Human-Centred Dementia Technology, 2021.
- K07 : Vankatesh, S., Moffat, D., Kirke, A., Shakeri, G., Brewster, S., Fachner, J., Odell-Miller, H., Street, A., Farina, N., Banerjee, S., Reck Miranda, E.: *Speech and Music Detection in Radio Broadcast*. In **ICASSP**, 2021.
- K08 : Di Campli San Vito, P., Shakeri, G., Brewster, S., Pollick, F., Brown, E., Skrypchuk, L., Mouzakitis, A.: *Haptic Navigation Cues on the Steering Wheel*. In **CHI**, 2019.
- K09 : Shakeri, G., Williamson, J. H., Brewster, S.: *May the Force Be with You: Ultrasound Haptic Feedback for Mid-Air Gesture Interaction in Cars*. In **AutoUI**, 2018.
- K10 : Shakeri, G., Williamson, J. H., Brewster, S.: *Novel Multimodal Feedback Techniques for In-Car Mid-Air Gesture Interaction*. In **AutoUI**, 2017.
- K11 : Shakeri, G., Ng, A., Williamson, J. H., Brewster, S.: *Evaluating Haptic Patterns on a Steering Wheel*. In **AutoUI**, 2016.
- K12 : Shakeri, G., Ng, A., Williamson, J. H., Brewster, S.: *Evaluating Haptic Feedback on a Steering Wheel in a Simulated Driving Scenario*. In **CHI Late-Breaking-Work**, 2016.

### JOURNAL

- J01 : N. Kumar, A. Friday, A. Light, J. Jacques, M.L. Mauriello, K. Gerling, R. Soden, G. Shakeri , N.J. Bidwell, V. Sharma: *There is no Plan(et) B: On sustainability in/and HCI*. In **IX Interactions**, 2024.

### PH.D. THESIS

- PhD : Shakeri, G.: *Multimodal feedback for mid-air gestures when driving*. In **Ph.D. Thesis**, 2020.

### POSTER & DEMONSTRATION

- S01 : Druschba, M., Shakeri, G.: *Scale-Score: Food Label to Support Nutritious and Sustainable Online Grocery Shopping*. In **ICT4S**, 2023.

- SO2 : Shakeri, G., Jung, F., Altarriban, F. B., Galeote, D., Friday, A.: *Eco-Joy: Imagining Sustainable and Joyful Food Eco-label Futures*. In **NordiCHI**, 2022.
- SO3 : Shakeri, G., Freeman, E., Andersson, C., Frier, W., Iodice, M., Long, B., Georgiou, O.: *Three-in-one: Levitation, Parametric Audio, and Mid-Air Haptic Feedback*. In **CHI**, 2019.
- SO4 : Shakeri, G., Williamson, J. H., Brewster, S.: *Bimodal Feedback for In-Car Mid-Air Gesture Interaction*. In **ICMI**, 2017.
- SO5 : Shakeri, G.: *Novel Multimodal Mid-Air Gesture Displays for Drivers*. In **SICSA HCI DC**, 2016.

## ◆ REPORTS

- BO1 : Kaiser, J.-N., Yu, T., Koelle, M., Shakeri, G.: *Scan for Sustainability: Designing Interventions with the Behaviour Change Wheel to Support In-Store Sustainable Grocery Shopping*. In **Arxiv**, 2024.
- BO2 : Shakeri, G., Jung, F., Galeote, D., Altarriba-Bertran, F., Friday, A.: *Towards Supporting Sustainable Grocery Shopping through Joyful Technology: Annotated Portfolio of Speculative Ideas*. In **Arxiv**, 2023.
- BO3 : Shakeri, G.: *Characteristics of a CS Graduate Student*. In **Arxiv**, 2022.
- BO4 : Shakeri, G., Brewster, S.: *Dynamic Cutaneous Push Messages from the Steering Wheel*. In **Arxiv**, 2021.
- BO5 : Shakeri, G., Freeman, E., Brewster, S.: *Multimodal Feedback for Mid-Air Gestures during the Lane Change Task*. In **Arxiv**, 2019.

## ◆ WORKSHOP

- WO1 : Shakeri, G.: *Hedonistic Sustainability: Joy as a Fundamental Component in Sustainability Communication*. In **CHI 2023 Workshop: HCI for Climate Change: Imagining Sustainable Futures**, 2023.
- WO2 : Shakeri, G.: *Digital Sustainable Future?: A Chat with Scientists*. In **CHI 2022 Online Workshop: Feminist Voices about Ecological Issues in HCI**, 2022.
- WO3 : Shakeri, G., McCallum, C. H.: *Envirofy: Behaviour Change Wheel based Tool for Sustainable Online Grocery Shopping*. In **INTERACT**, 2021.
- WO4 : Shakeri, G., McCallum, C. H.: *Envirofy your Shop: a real time tool to support eco-friendly food purchases online*. **Climate Expo**, 2021.
- WO5 : Shakeri, G., McCallum, C. H.: *Envirofy: a Real-time Tool to Support Eco-friendly Food Purchases Online*. In **CHI Workshops/Symposia**, 2021.
- WO6 : Shakeri, G., Brewster, S., Vankatesh, S., Moffat, D., Kirke, A., Fachner, J., Odell-Miller, H., Street, A., Farina, N., Banerjee, S., Reck Miranda, E.: *RadioMe: challenges during the development of a real time tool to support People with Dementia*. In **CHI Workshops on Designing Interactions for the Ageing Populations – Addressing Global Challenges**, 2021.
- WO7 : Loriet, A., Shakeri, G.: *Agent Metaphor for Autonomous Driving*. In **DIS Workshops on Setting the Stage with Metaphors for Interaction**, 2017.
- WO8 : Freeman, E., Vo, D., Wilson, G., Shakeri, G., and Brewster, S.: *Towards Mid-Air Haptic Widgets*. In **CHI Workshops on Mid-Air Haptics and Displays: Systems for Un-instrumented Mid-Air Interactions**, 2016.