

## ACADEMIC WORK EXPERIENCE

### Department of Computer Science

#### Aarhus University

*Postdoctoral Fellow (Funded by Danish Pioneering Centre for Artificial Intelligence)*  
*Exploring novel eye-hand interaction techniques for Extended Reality (XR).*

Aarhus, Denmark  
Mar, 2024 – Present

### School of Computing and Information Systems

#### The University of Melbourne

*Research Fellow (Funded by Meta Reality Labs)*  
*Leading a collaborative research project with Meta Reality Labs on adaptive augmented reality interface.*  
*Developing an audio-visual art installation using a mixed reality mirror to discuss the alienating gaze of AI.*

Melbourne, Australia  
Jun, 2022 – Nov, 2023

## TEACHING EXPERIENCE

#### Aarhus University

*Lecturer (Augmented Reality)*

Aarhus, Denmark  
2025

#### University of Sydney

*Guest Lecturer (Human-Computer Interaction, Usability Engineering)*

Sydney, Australia  
2023

#### The University of Melbourne

*Guest Lecturer (Media Computation, Designing Novel Interactions, Fundamentals of Interaction Design)*  
*Academic Tutor (Designing Novel Interactions, Graphics and Interaction)*

Melbourne, Australia  
2022  
2020 – 2022

## EDUCATION

#### The University of Melbourne

*PhD of Engineering (Human-Computer Interaction)*

Melbourne, Australia  
Apr, 2019 – Nov, 2023

#### The University of Melbourne

*Master of Information Technology*

Melbourne, Australia  
2016

#### Nanchang University

*Bachelor of Applied Science (Digital Media Technology)*

Nanchang, China  
2014

## ACADEMIC SERVICE

Associate Chair (Paper Track)

CHI 2025

Student Volunteer Chair

UbiComp 2024

Poster Chair

Augmented Human 2024

Session Chair

ERC GEMINI Workshop 2024

Student Design Competition Reviewer

CHI 2024

Subcommittee Chair Assistant (User Experience)

CHI 2022

Associate Chair (Late-Breaking Work)

CHI 2022

Student Volunteer (Paper session support & LBW session chairing)

CHI 2021

Student Volunteer (Paper session support)

OzCHI 2020

External Reviewer (CHI, IMWUT, CSCW, UIST, ISMAR, IEEE VR, DIS, VRST, SUI, TEI, ISS, ...)

2019 – Present

## AWARD AND RECOGNITION

Special Recognition for Outstanding Review

CSCW 2023

Graduate Research Student of the Year (Shortlist of 3)

FEIT Community Awards 2022

*Faculty of Engineering and Information Technology at The University of Melbourne*

Best Paper Honourable Mention Award

CHI 2021

*Dance and Choreography in HCI: A Two-Decade Retrospective*

Best Paper Nomination

ISMAR 2020

*Fully-occluded target selection in virtual reality*

Best Paper Honourable Mention Award

OzCHI 2017

*GazeGrip: improving mobile device accessibility with gaze and grip interaction*

## GRANTS

<b>Learning and Teaching Initiatives Grants (\$29,656 AUD)</b>	2021
The Portable SpinalLog 2: Application and Evaluation in Physiotherapy Teaching Settings	
<b>Melbourne InnovatEd (\$20,000 AUD)</b>	2019
SpinalLog 2: maximising portability and scalability for a 3D-printed tangible physiotherapy LTA device	

## ADMIN ROLES

<b>Interdisciplinary Center for Extended Reality (ICXR), Aarhus University, Denmark</b>	
<i>Founding Member</i>	Oct, 2024
<b>XR Collaboratory, Pioneering Centre for Artificial Intelligence, Denmark</b>	
<i>Annual Meetup Organiser</i>	Nov, 2024
<b>Special Interest Group on History of Novel Interaction Techniques, HCI Group, Aarhus University</b>	
<i>Co-organiser with Prof. Susanne Bødker</i>	2024
<b>Computing and Information Systems Graduate Research Students, The University of Melbourne</b>	
<i>President</i>	Jun, 2021 – Jun, 2022
<b>Human-Computer Interaction Group, The University of Melbourne</b>	
<i>HCI Research Seminar Coordinator</i>	May, 2019 – Aug, 2020

## FELLOWSHIPS AND SCHOLARSHIPS

<b>Visiting Fellowships in Computing</b>	2023
Travel grants to encourage collaborations with computer science researchers among the Go8 universities in Australia	
<b>M. A. Bartlett Research Scholarship</b>	2023
Offered to high achieving candidates who intend to undertake study related travel or fieldwork	
<b>Research Training Program Scholarship</b>	2019
Awarded to high achieving students undertaking a Master by research or Doctoral by research degree in Australia	

## STUDENT SUPERVISION

<b>Thorbjørn Mikkelsen</b> (PhD, Aarhus University, w/ Prof. Pfeuffer and Prof. Gellersen)	Jun, 2024 – Present
<b>Juan Sánchez Esquivel</b> (PhD, Aarhus University, w/ Prof. Pfeuffer and Prof. Gellersen)	Mar, 2024 – Present
<b>Jinwook Kim</b> (Visiting PhD, KAIST, w/ Prof. Pfeuffer)	Mar, 2024 – Present
<b>Gengchen Tian</b> (MSc, Aarhus University)	Sep, 2024 – Present
<b>Zehai Liu</b> (MSc, Aarhus University)	Sep, 2024 – Present
<b>Yang Liu</b> (MSc, Aarhus University)	Jun, 2024 – Present
<b>Micharl Smirnov</b> (MSc, Aarhus University)	Jun, 2024 – Sep 2024
<b>Jiahao Chen</b> (MSc, The University of Melbourne)	Sep, 2023 – Sep, 2024
<b>Kexin Chen</b> (BSc, The University of Melbourne)	Feb, 2023 – Jun, 2023
<b>Jean Paul Vera Soto</b> (MIT, The University of Melbourne)	Nov, 2022 – Jun, 2023
<b>Marvin Bai</b> (MC-SOFTENG, The University of Melbourne)	Nov, 2022 – Jun, 2023
<b>Geye Guo</b> (MSc, The University of Melbourne)	Jul, 2022 – Jun, 2023
<b>Tsz Kin Leung</b> (MIT, The University of Melbourne)	Jul, 2022 – Jun, 2023
<b>Tianchen Zheng</b> (MIT, The University of Melbourne)	Jul, 2022 – Nov, 2022
<b>Zhaozhao Yang</b> (MIT, The University of Melbourne)	Jul, 2022 – Nov, 2022
<b>Qiaoduo Lin</b> (MIT, The University of Melbourne)	Jul, 2022 – Nov, 2022
<b>Beier Li</b> (MIT, The University of Melbourne)	Jul, 2022 – Nov, 2022
<b>Louise Grebel</b> (Research Intern, The University of Paris-Saclay)	Apr, 2022 – Jun, 2022
<b>Borui Liao</b> (MSc, The University of Melbourne)	Jan, 2021 – Dec, 2021
<b>Sibo Ma</b> (MIT, The University of Melbourne)	Jun, 2019 – Dec, 2019

## ART

<b>Guài</b>	Melbourne Fringe Festival 2023 & Science Gallery Melbourne 2024
Creating an audiovisual experience that discusses human-AI relationship through music, avatars, and a mixed reality mirror.	
<b>Anthropomorphic Machine</b>	Science Gallery Melbourne 2022
Collaboration with artist Stelarc to create an installation that responds to crowd movement for Science Gallery Melbourne.	

## FULL PAPER PUBLICATIONS

- The Effects of Generative AI on Design Fixation and Divergent Thinking** CHI 2024  
*Samangi Wadinambiarachchi, Ryan M. Kelly, Saumya Pareek, Qiushi Zhou, Eduardo Velloso*
- Augmented Reality at Zoo Exhibits: A Design Framework for Enhancing the Zoo Experience** CHI 2024  
*Brandon Syiem, Sarah Webber, Ryan Kelly, Qiushi Zhou, Jorge Goncalves, Eduardo Velloso*
- Mr.LfD: A Mixed Reality Interface for Robot Learning from Demonstration** OzCHI 2024  
*Jiahao Chen, Antony Chacon, Muhammad Bilal, Qiushi Zhou, Wafa Johal*
- Exploring Design Parameters for RSVP Reading of Mobile Notifications** OzCHI 2024  
*Hao-Ping Lee, Qiushi Zhou, Vassilis Kostakos, Benjamin Tag, Tilman Dingler*
- Reflected Reality: Augmented Reality through the Mirror** IMWUT 2023  
*Qiushi Zhou, Brandon Victor Syiem, Beier Li, Jorge Goncalves, Eduardo Velloso*
- Public Attitudes and Behaviours on Social Media Platforms Displaying Users' Location** INTERACT 2023  
*Ying Ma, Qiushi Zhou, Benjamin Tag, Zhanna Sarsenbayeva, Jorge Goncalves, Eduardo Velloso*
- Here and Now: Creating Improvisational Dance Movements with a Mixed Reality Mirror** CHI 2023  
*Qiushi Zhou, Louise Grebel, Andrew Irlitti, Julie Ann Minaai, Jorge Goncalves, Eduardo Velloso*
- Volumetric Mixed Reality Telepresence for Real-time Cross Modality Collaboration** CHI 2023  
*Andrew Irlitti, Mesut Latifoglu, Qiushi Zhou, Martin Reinoso, Thuong Hoang, Eduardo Velloso, Frank Vetere*
- Blending On-Body and Mid-Air Interaction in Virtual Reality** ISMAR 2022  
*Difeng Yu, Qiushi Zhou, Tilman Dingler, Eduardo Velloso, Jorge Goncalves*
- Movement Guidance using a Mixed Reality Mirror** DIS 2022  
*Qiushi Zhou, Andrew Irlitti, Difeng Yu, Jorge Goncalves, Eduardo Velloso*
- Dance and Choreography in HCI: A Two-Decade Retrospective** CHI 2021  
*Qiushi Zhou, Chengcheng Chua, Jarrod Knibbe, Jorge Goncalves, Eduardo Velloso*
- Eyes-free Target Acquisition During Walking in Immersive Mixed Reality** IEEE TVCG  
*Qiushi Zhou, Difeng Yu, Martin Reinoso, Joshua Newn, Jorge Goncalves, Eduardo Velloso*
- Fully-Occluded Target Selection in Virtual Reality** IEEE TVCG  
*Difeng Yu, Qiushi Zhou, Joshua Newn, Tilman Dingler, Eduardo Velloso, Jorge Goncalves*
- Faces of Focus: A Study on the Facial Cues of Attentional States** CHI 2020  
*Ebrahim Babaei, Namrata Srivastava, Joshua Newn, Qiushi Zhou, Tilman Dingler, Eduardo Velloso*
- Engaging Participants during Selection Studies in Virtual Reality** IEEE VR 2020  
*Difeng Yu, Qiushi Zhou, Benjamin Tag, Tilman Dingler, Eduardo Velloso, Jorge Goncalves*
- GazeGrip: Improving Mobile Device Accessibility with Gaze & Grip Interaction** OzCHI 2017  
*Qiushi Zhou, Eduardo Velloso*

## FULL PAPERS IN-SUBMISSION

- Single-Hand Rotation and Translation of 3D Virtual Objects** TOCHI  
*Thorbjørn Mikkelsen, Qiushi Zhou, Mathias Lystbæk, Michael Smirnov, Hans Gellersen, Ken Pfeuffer*
- TapOnGaze: Integrating Gaze and Finger-Tapping for Distant Selection in XR** TOCHI  
*Juan Sánchez Esquivel, Qiushi Zhou, Mathias Lystbæk, Yang Liu, Hans Gellersen, Ken Pfeuffer*
- Assisting MoCap-Based Teleoperation of Robot Arm using Augmented-Reality Visualisations** RAL  
*Qiushi Zhou, Antony Chacon, Jiahe Pan, Wafa Johal*

**PinchCatcher: Enabling Multi-selection for Gaze+Pinch** CHI 2025  
*Jinwook Kim, Sangmin Park, Qiushi Zhou, Mar Gonzalez-Franco, Jeongmi Lee, Ken Pfeuffer*

**Extended Perspective in Extended Reality: A Survey** CHI 2025  
*Qiushi Zhou, Jarrod Knibbe, Jorge Goncalves, Eduardo Velloso*

**A Probabilistic Approach to Understanding User Preferences for Adaptive AR Interfaces** CHI 2025  
*Qiushi Zhou, Jean Paul Vera Soto, Zhongyi Bai, Mark Parent, Kashyap Todi, Tanya R. Jonker, Eduardo Velloso*

#### **EXTENDED ABSTRACTS AND WORKSHOP PAPERS**

**Assisting MoCap-Based Teleoperation of Robot Arm using Augmented Reality Visualisations** HRI 2025 LBR  
*Qiushi Zhou, Antony Chacon, Jiahe Pan, Wafa Johal*

**Ubiquitous Smart Eyewear Interactions using Implicit Sensing and Unobtrusive Output** IMWUT 2019 EA  
*Qiushi Zhou, Joshua Newn, Benjamin Tag, Hao-Ping Lee, Chaofan Wang, Eduardo Velloso*

**Cognitive Aid: Task Assistance Based On Mental Workload Estimation** CHI 2019 LBW  
*Qiushi Zhou, Joshua Newn, Namrata Srivastava, Tilman Dingler, Jorge Goncalves, Eduardo Velloso*