Hubert Dariusz Zając

hdz@di.ku.dk
orcid: 0000-0003-0689-6912
H-index: 6
Blågårdsgade 25, 1th. 2200 Copenhagen

Academic Appointments

Present
|
2024
March

Postdoctoral Researcher in Human-Centred AI
University of Copenhagen, Denmark
Funding body: AI Denmark
Advisor: Associate Professor Tariq Osman Andersen

6 months
2023

Visiting Researcher
University of California, Irvine
Visiting: Professor Yunan Chen

Education

2024
April

PhD in Computer Science
University of Copenhagen, Denmark
It takes a Village to Raise Clinical AI: Towards Clinical Usefulness of AI in Healthcare
Main supervisor: Associate Professor Tariq Osman Andersen
Co-supervisor: Professor Finn Kensing

2019
September

Master of Science in Computer Science
University of Copenhagen, Denmark
Using online optimization to find effective avatars in Virtual Reality
Main supervisor: Professor Kasper Hornbæk
Co-supervisor: Dr Jess McIntosh

2017
January

Bachelor of Engineering in Computer Science
AGH University of Cracow, Poland
Mobile application for route planning based on the graphical pattern for Android OS
Supervisor: Profesor uczelni (PL) Tomasz Szydło

Work

2020
2019

UX Developer
Coinify, Copenhagen, Denmark

2019
2017

Student .Net Developer
Noitso, Copenhagen, Denmark

2017
2016

Junior UX Designer
ABB, Cracow, Poland

2016

Software developer (summer internship)
Centraldereservas.com, Zaragoza, Spain

Five selected publications

2025 **Hubert Dariusz Zając** and Niels Kvorning Ternov. 2025. Reframing Automation Benefits: A Human-Centered Approach to Expanding the Value of AI-Generated Reports in Healthcare. In Extended Abstracts of the CHI Conference on Human Factors in Computing Systems (**CHI EA '25**), April 26-May 1, 2025, Yokohama, Japan. ACM, New York, NY, USA, 8 pages. https://doi.org/10.1145/3706599.3719979

2025 **Hubert D. Zając**, Tariq O. Andersen, Elijah Kwasa, Ruth Wanjohi, Mary K. Onyinkwa, Edward K. Mwaniki, Samuel N. Gitau, Shawnim S. Yaseen, Jonathan F. Carlsen, Marco Fraccaro, Michael B. Nielsen, and Yunan Chen. 2025. Towards Clinically Useful AI: From Radiology Practices in Global South and North to Visions of AI Support. *ACM Trans. Comput.-Hum. Interact.* (February 2025). https://doi.org/10.1145/3715115 (**TOCHI**)

2025 Amelia Jiménez-Sánchez, Natalia-Rozalia Avlona, Dovile Juodelyte, Théo Sourget, Caroline Vang-Larsen, Anna Rogers, **Hubert Dariusz Zając**, and Veronika Cheplygina. 2025. Copycats: the many lives of a publicly available medical imaging dataset. *Advances in Neural Information Processing Systems* 37, (January 2025), 113383–113404. (**NeurIPS**)

2024 **Hubert Dariusz Zając**, Jorge Miguel Neves Ribeiro, Silvia Ingala, Simona Gentile, Ruth Wanjohi, Samuel Nguku Gitau, Jonathan Frederik Carlsen, Michael Bachmann Nielsen, and Tariq Osman Andersen. 2024. "It depends": Configuring AI to Improve Clinical Usefulness Across Contexts. In *Proceedings of the 2024 ACM Designing Interactive Systems Conference* (**DIS '24**), July 01, 2024. Association for Computing Machinery, New York, NY, USA, 874–889. https://doi.org/10.1145/3643834.3660707

2023 **Hubert Dariusz Zając**, Natalia Rozalia Avlona, Finn Kensing, Tariq Osman Andersen, and Irina Shklovski. 2023. Ground Truth Or Dare: Factors Affecting The Creation Of Medical Datasets For Training AI. In *Proceedings of the 2023 AAAI/ACM Conference on AI, Ethics, and Society* (**AIES '23**), August 29, 2023. Association for Computing Machinery, New York, NY, USA, 351–362. https://doi.org/10.1145/3600211.3604766

Teaching

2025 Sundhedsdata og interoperabilitet
Guest lecture
Bachelor Course, Department of Computer Science, University of Copenhagen, Denmark

Present, '24, Academic support teacher
'23, '22 *Specialpædagogisk støtte, University of Copenhagen, Denmark*
One student, BSc and MSc

2025 Data readiness workshop
AI Denmark, Copenhagen, Denmark
One day workshop for small and medium enterprises
Thirty participants

2022 Udvikling af Informationssystemer (15 ECTS)
Guest Lecturer (12.5%)
Bachelor Course, Department of Computer Science, University of Copenhagen, Denmark

104 students

2021 Udvikling af Informationssystemer (15 ECTS)
Teaching Assistant
Bachelor Course, Department of Computer Science, University of Copenhagen, Denmark
111 students

2019 Udvikling af Informationssystemer (15 ECTS)
Assistant Lecturer
Bachelor Course, Department of Computer Science, University of Copenhagen, Denmark
88 students

Supervision

2025 Generative AI for dermatology reports
BSc thesis in Computer Science, University of Copenhagen, Denmark
Student: Mads Aabjerg Valentin
Main supervisor: **Hubert D. Zając**

2025 Hvordan oplever patienter anvendelsen af teledermatologi, og hvilke fordele og udfordringer ser de ved AI-genererede medicinske rapporter i deres behandlingsforløb?
BSc thesis in Healthcare Informatics, University of Copenhagen, Denmark
Students: Malthe Nielsen and Mathias Krog-Pedersen
Main supervisor: Assistant Professor Sarah F. Homewood
Co-supervisor: **Hubert D. Zając**

2025 The use of Large Language Models for Report Generation in Teledermatology
MSc thesis in Healthcare Informatics, University of Copenhagen, Denmark
Students: Katrine Petersen and Cille Nielsen
Main supervisor: **Hubert D. Zając**
Co-supervisor: Associate Professor Tariq O. Andersen

2022 Guiding Principles for Creating Ground Truth Data to Use in Machine Learning *MSc thesis in Healthcare Informatics, University of Copenhagen, Denmark*
Student: Daniel Eystberg Sørensen
Main supervisor: Professor Finn Kensing
Co-supervisor: **Hubert D. Zając**

Funding

2024 Research stay abroad – University of California, Irvine
William Demant Fonden, 18 500 DKK
Augustinus Fonden, 24 500 DKK

2024 Travel support, conference fee waiver
AIES, 225 USD

Academic community work

Session Chair

2025 Nordic Pre-CHI

Copenhagen, Denmark
Health and Wellbeing

2025 Billeddiagnostisk Årsmøde
Copenhagen, Denmark
Making Clinical AI Useful in the Age of Large Language Models

Program Committee Member

2023 AI, Ethics, & Society (AIES, AAAI & ACM)

Reviewer

'25, '24, '23 Designing Interactive Systems (DIS, ACM)

'25, '24, '23 Computer-Human Interaction (CHI, ACM)

'24, '22 Transactions on Computer-Human Interactions (TOCHI, ACM)

'25, '24 Computer Supported Cooperative Work (CSCW, ACM)

'25 Acta Radiologica Open (Sage)

'24 Scandinavian Journal of Information Systems (SJIS, AIS)

'23 International Journal of Medical Informatics (IJMEDI, Elsevier)

Other activity

2025 Organising member of Nordic Reception
CHI, Yokohama, Japan

Dissemination

Invited talks

2025 It takes a village to raise clinical AI
Policy Board for Digital Sundhed – IT Branchen

2024 AI Denmark x Melatech: Using LLMs in practice
AI Denmark Summit, Copenhagen, Denmark

2024 Developing clinical LLM-based applications using HPC
Euro CC 2 & DeiC symposium, Copenhagen, Denmark

2024 It takes a village to raise clinical AI: Chasing clinical usefulness
Two-day workshop, In the Picture: Medical Imaging Datasets, Nyborg, Denmark

2024 It takes a village to raise clinical AI
Research days, Herlev Gentofte Hospital, Denmark

2024 GenAI reporting for tele-dermatology
Workshop, Methods and theory for designing human-centred AI in healthcare, UCPH, Copenhagen, Denmark

2024   Human-centred AI: Research Overview
Danish HCI Day, Copenhagen, Denmark

2024   Ground Truth or Dare: Factors affecting the creation of medical datasets for training AI
Webinar, Datasets through the Looking-Glass at PURRlab ITU, Denmark

2023   Aligning AI strengths with clinical opportunities: A short story of designing an AI-based system for chest x-rays
Knowledge forum on clinical AI, Odense, Denmark

2023   Ground Truth or Dare: Factors affecting the creation of medical datasets for training AI
Research seminar, Bentley University, US

2022   I takes a village to raise an AI system: Challenges and opportunities for clinical AI implementation
Billeddiagnostisk Årsmøde 2022, Copenhagen, Denmark

2022   Challenges and recommendations for clinical AI implementation: findings from a systematic review and takeaways used in AI4XRAY
HIT2 Seminar, Copenhagen, Denmark

Conference presentations

2025   Towards Clinically Useful AI: From Radiology Practices in Global South and North to Visions of AI Support.
CHI, Yokohama, Japan

2024   "It depends…" Configuring AI to Improve Clinical Usefulness Across Contexts
DIS, Copenhagen, Denmark

2024   Clinician-Facing AI in the Wild: Taking Stock of the Sociotechnical Challenges and Opportunities for HCI
CHI, Honolulu, US

2023   Ground Truth or Dare: Factors affecting the creation of medical datasets for training AI
AIES, Montreal, Canada

Poster presentations

2025   Reframing Automation Benefits: A Human-Centered Approach to Expanding the Value of AI-Generated Reports in Healthcare
CHI, Yokohama, Japan

2025   Off the hAIgh horse: Realistically Supporting Dermatologists with Automated Reporting
CHI '25 Workshop on Envisioning the Future of Interactive Health, Yokohama, Japan

2023   It takes a village to raise an AI system: The Interdisciplinary Work Of Realising Clinical AI in Denmark and Kenya
AIES, Montreal, Canada

2023   Understanding Radiologists' Work to Make AI Work AI Support for Chest X-Ray Practice in Denmark and Kenya
Nordic AI meet, Copenhagen, Denmark

2022 Designing ground truth for Machine Learning: A conceptualisation of a collaborative design process between medical professionals and data scientists.
ECSCW, Coimbra, Portugal

Books

2025 Kunstig intelligens i sundhed
FADL's Forlag A/S
ISBN: 9788794454209

Other articles

2024 PhD Thesis Summary
Computer Vision News

Other media

2025 Læge hjælper læge – med AI
AI Denmark Podcast