DMITRI KATZ, PhD

Digital Health Specialist, User-Centered Designer, HCI/UI/UX Researcher, and Project Manager

Speaks English (Native) & German (Conversational)

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Germany

ASSOCIATED WEBSITES

→ LinkedIn
→ Google Scholar
→ SERVICE Project UK

INTERESTS AND SKILLS

- Human Computer Interaction
- User Centered Design
- Digital Health
- Behavior Change Theory
- Qualitative Research
- Technology for Older Adults
- UI/UX
- Project Management
- Mobile Apps
- Academic writing
- Decision Support Systems
- Startups

EMPLOYMENT

2016 - 2023

The Open University Computing and Communication

Post-Doctoral Research Fellow

Project management, digital health research and design, qualitative research, and analysis

University of Limerick

LERO, Irish Software institute

Curie Fellow

Digital Health researcher on user-centered systems for diabetes self-management

A3CP

Research Consultant

Machine Learning Systems for Children with Cerebral Palsy

Intro to Digital Humanism

Managing Editor

Interdisciplinary Open Access Graduate level textbook

Zest Active Arts

Consultant

Social startup offering activity programming for care homes

150 Minuten

UX Research Consultant

Digital Health startup, online exercise for older adults

University of Bristol

Research Consultant

Machine Learning for Diabetes research project

Roche Diabetes Care

User Centered Design Consultant

Concepts/prototypes for new designs

1997 - 2015

Photoshop, Design, Photography

Client work includes Sony, Adidas, Telekom, Volvo, Mercedes, BMW, Audi, Procter & Gamble, Colgate Palmolive, Burger King, Microsoft, Lufthansa, Volkswagen, Postbank, DHL, Siemens, Saatchi & Saatchi, IDEO, Dorland, TBWA, BBDO, Scholz & Friends, and others.

EDUCATION

2014 - 2018   **The Open University (Milton Keynes UK)**

PhD in Human Computer Interaction

Research Interest: IoT technologies and UI/UX for supporting chronic disease management, with diabetes as primary use-case. Human-Centered AI, Design Methods, Ethics.

Methods used: Focus groups, qualitative analysis, interviews, surveys, user-interaction studies, design workshops, technology probes, etc.

2001   **NYC College of Technology (NYC, New York)**

Computer Science and Engineering

Research Interest: Technology for Health

1994 - 1996   **San Francisco Art Institute (San Francisco, California)**

Bachelor of Fine Arts (BFA)

Research Interest: Interdisciplinary Visual Arts

ACHIEVEMENTS & AWARDS

2020   **EU funded ALECS/Marie-Curie Research Fellowship**

LERO, Irish Software institute at the **University of Limerick**

SERVICE: Social and Emotional Resilience for the Vulnerable Impacted by the COVID-19 Emergency
Project Developer, Coordinator, and Co-Investigator

Led successful bid for £400k EPSRC (EP/V027263/1) grant funded for 2020-2022, and £130k internal funding.

2018   **CHI 2018, Montreal Canada**   **Foundation of European Nurses in Diabetes (FEND)**

Research Presenter, Honorable Mention Winner   *Conference Speaker*
Medica Messe, Dusseldorf   **Microsoft Research Cambridge**

Speaker and Panelist   *Research Presenter*

2017   **Ideas-4-Diabetes**   **Diabetes Hands Foundation Master Lab Leadership**
Lead Stakeholder, Co-Designer of Workshops   **Institute**
(Sponsored by Roche Diabetes Care)   *Fellow*

2016   **UbiComp '16, Germany**   **DiabetesMine Summit, Stanford University**
Workshop Organizer   *Patient Voice Winner*

SELECTED PUBLICATIONS & WRITINGS

2021   **Co-Designing Personal Health: Multidisciplinary Benefits and Challenges in Informing Diabetes Self-Care Technologies,** *CSCW*

AYOBI, A., STAWARZ, K., KATZ, D., MARSHALL, …AND O'KANE, A.A.

Machine Learning Explanations as Boundary Objects: How AI Researchers Explain and Non-Experts Perceive Machine Learning

AYOBI, A., STAWARZ, K., KATZ, D., MARSHALL, … AND O'KANE, A.A.

Loneliness in Older People and COVID-19: Applying the Social Identity Approach to Digital Intervention Design, *Computers in Human Behavior*

STUART, A., KATZ, D., STEVENSON, C., GOOCH, D., HARKIN, L., BENNASAR…

2020   **Measuring Daily Compliance with Physical Activity Tracking in Ambulatory Surgery Patients: Comparative Analysis of Five Compliance Criteria,** *JMIR mHealth*

KELLY, R., JONES, S., PRICE, B.A., KATZ, D., AND MCCORMICK, C.

Model-Based Reinforcement Learning for Type-1 Diabetes Blood Glucose Control

YAMAGATA, T., O'KANE, A., AYOBI, A., KATZ, D., STAWARZ, K., MARSHALL, P., FLACH, P. AND SANTOS-RODRÍGUEZ,

2019   **Supporting Diabetes Self-Management with Ubiquitous Computing Technologies: A User-Centered Inquiry.** PhD diss., The Open University, 2019.Katz, D.

2018   **Designing for Diabetes Decision Support Systems with Fluid Contextual Reasoning,** *CHI '18*

KATZ, D. S., PRICE, B. A., HOLLAND, S. AND DALTON, N. S. (WINNER HONORABLE MENTION AWARD)

Data, Data Everywhere, and Still Too Hard to Link: Insights from User Interactions with Diabetes Apps, *CHI '18*

KATZ, D. S., PRICE, B. A., HOLLAND, S. AND DALTON, N. S

2016   **Questioning the Reflection Paradigm for Diabetes Mobile Apps, eHealth 360°**

KATZ, D., DALTON, N., HOLLAND, S., O'KANE, A., & PRICE, B. A