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**Katerina
Gorkovenko, Ph.D**

User Researcher
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Education

**Ph.D. Human-Computer
Interaction**
University of Dundee
2014 - 2018, UK

BSc Interaction Design
First Class BSc with Hons
University of Dundee
2010 - 2014, UK

Skills

 **Portfolio:**
Gorkovenko.weebly.com

Research:

Affinity mapping
Contextual inquiry
Cognitive load testing
Card sorting
Design ethnography
Descriptive statistics
Data visualization
Experience mapping
Experience sampling
Focus groups
Heuristic evaluations
In-depth interviews
Observational studies
Personas
Surveys
Thematic analysis
Usability testing
User journeys
User testing
Workshops

Design:

Adobe suite
Information architecture
Rapid prototyping
Storyboarding
Wire-framing

Coding:

Angular
Python

Experience

Senior User Researcher/ [Sopra Steria](#) Aug 2020- PRESENT

I work in an agile interdisciplinary team to deliver user research on Scottish Government projects for their Digital Transformation Directive. Recently:

- Helping Disclosure Scotland develop a digital platform, including in-depth interviews, workshops, stakeholder management and experience mapping sessions for a Discovery, user testing for a Private Beta, and analysing survey data.
- Analysing survey data gathered from the Scottish Public Pensions Agency.
- In depth interviews and user journeys for Drinking Water Quality, aiding them to acquire a new data management system.

Research Associate/ [University of Edinburgh](#) July 2018- Oct 2020

I explored how live data with ML from IoT products can inform design research through:

- Ethnographic research, user testing, contextual inquiry, acceptability studies, surveys, interviews, and workshops were published and used to develop a platform.
- Conducting a data-driven design case study with Atherton bikes.
- I helped develop data visualisation and communication tools for research.
- Disseminating findings to industry, including Airbus and Jaguar Land Rover.

Researcher/ [Institute for Visualization & Interactive Systems](#) June- Oct 2017

Between subject comparative investigation of interaction with health data visualizations:

- Quantitative research and statistical analysis: usability testing, cognitive load testing, collaboration testing.
- Qualitative research and thematic analysis: Interviews.

HCI Ph.D. / [University of Dundee](#) Oct 2014- June 2018

Investigating how social networking platforms are used during televised political debates in order to design and develop better ways to engage the public:

- At-home observations, interviews, and analysis of tweets investigated behaviors.
- In-the-wild deployment of a series of internet-connected research products generated considerations for future solutions.
- Workshops with debate viewers, speculative designs, and interviews with politics and media experts generated design directions for political social media tools.

HCI Researcher & HCI Tutor / [University of Dundee](#) Part-time: 2015- 2018

- Researcher on ShoppComm investigating online shopping for older adults.
- Researcher on Hacking for Situated Civic Engagement project.
- Teaching design research methods and UI/UX design across Digital Interaction design, Product Design and Interior, and Environmental Design.

UX Designer / [Tag Games](#) June - Oct 2014

Designed an integrated analytics and metrics system for mobile games called ChilliConnect: <https://www.chilliconnect.com/>. Wireframing, information architecture, UI elements, transitions, and working with web developers.

Publications

[See all at Google Scholar](#)

Gorkovenko, K., Burnett, D., Thorp, J., Richards, D., and Murray-Rust D., 2020. **Exploring The Future of Data-Driven Product Design.** (CHI'20).

Gorkovenko, K., Burnett, D., Murray-Rust D., Thorp, J., and Richards, D. 2019. **Supporting Real-Time Contextual Inquiry Through Sensor Data.** (EPIC 2019).

Gorkovenko, K. 2019. **Second Screens for Engagement with Political Discourse.** (PhD Thesis).