

# ZHANNA SARSENBAYEVA

## Curriculum Vitae

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### CONTACT

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### EDUCATION

**2017 – current** *Doctor of Philosophy, PhD (Engineering), The University of Melbourne, Melbourne, Australia.*

**2014 – 2016** *Master of Science (Technology) in Master's Degree Programme in Computer Science and Engineering (Thesis grade – excellent), University of Oulu, Oulu, Finland.*

**2007 – 2010** *BSc Computer Science (Honours), University College London, London, UK*

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### AWARDS

**2018:** UbiComp'18 Travel Grant, Singapore

**2017:** SIGCHI Best of OzCHI Honourable Mention Award (top 5% of papers), OzCHI 2017, Brisbane, Australia

**2017:** Google PhD Travel Scholarship

**2017:** Best Poster Award – Honourable Mention, Doctoral Colloquium, The University of Melbourne, Australia

**2016:** Best Project Award, International UBI Summer School 2016, Oulu, Finland

**2015:** Best Presentation Award, International UBI Summer School 2015, Oulu, Finland

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### WORK EXPERIENCE

**Fall semester 2018** **Tutor** (Fundamentals of Interaction Design)  
The University of Melbourne, Melbourne, Australia

**Fall semester 2017** **Tutor** (Graphics and Interaction, Fundamentals of Interaction Design)  
The University of Melbourne, Melbourne, Australia

**Sep 2015 – Dec 2016** **Research Assistant** in the Center for Ubiquitous Computing  
University of Oulu, Oulu, Finland

**Nov 2011 – July 2014** **Teaching Assistant** in Computer Science Department  
Nazarbayev University, Astana, Kazakhstan

**Sep 2010 – Nov 2011** **Technical Consultant**  
“Medtronic B.V.” Almaty, Kazakhstan

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## EXTRACURRICULAR ACTIVITIES

- 2018:** Student Volunteer, UbiComp'18, Singapore
- 2018:** Secretary at Computer and Information Systems Research Students Organisation (CIS-GReS), The University of Melbourne, Australia
- 2017:** N2Women Meeting Attendee, UbiComp'17, Maui, USA
- 2017:** Student Volunteer, OzCHI 2017, Brisbane, Australia
- 2016:** N2Women Meeting Attendee, UbiComp'16, Heidelberg, Germany
- 2016:** Student Volunteer, International UBI Summer School 2016, Oulu, Finland
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## ACADEMIC SERVICE

- 2019:** Video Previews Co-Chair, ACM CHI Conference on Human Factors in Computing Systems (CHI'19), Glasgow, UK
- 2018:** Co-organiser, Workshop on "Ubiquitous Mobile Sensing: Behaviour, Mood, and Environment", UbiComp'18, Singapore
- 2018:** Student Design Challenge Chair, OzCHI'18, Melbourne, Australia
- 2018:** External Reviewer for IMWUT, MobileHCI, OzCHI
- 2017:** External Reviewer for IMWUT, OzCHI
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## PUBLICATIONS

- Z. Sarsenbaveva**, N. van Berkel, E. Velloso, V. Kostakos, J. Goncalves (2018). Effect of Distinct Ambient Noise Types on Mobile Interaction. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT, UbiComp'18)*, 2(2), 82:1-82:23.
- S. Klakegg, J. Goncalves, C. Luo, A. Visuri, A. Popov, N. van Berkel, **Z. Sarsenbaveva**, V. Kostakos, S. Hosio, S. Savage, A. Bykov, I. Meglinski, D. Ferreira (2018). Assisted Medication Management in Elderly Care Using Miniaturised Near-Infrared Spectroscopy. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT, UbiComp'18)*, 2(2), 69:1-69:24.
- W. Jiang, G. Marini, N. van Berkel, **Z. Sarsenbaveva**, C. Luo, X. He, T. Dingler, Y. Kawahara & V. Kostakos. A Mobile Scanner for Probing Liquid Samples in Everyday Settings. *Adjunct Proceedings of the 2018 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp'18 Adjunct)*, to appear.
- O. Matthews, **Z. Sarsenbaveva**, W. Jiang, J. Newn, E. Velloso, S. Clinch, J. Goncalves (2018). Inferring the Mood of a Community From Their Walking Speed: A Preliminary Study. *Adjunct Proceedings of the 2018 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp'18 Adjunct)*, to appear.
- S. Mayer, L. Lischke, J. E. Grønbaek, **Z. Sarsenbaveva**, J. Vogelsang, P. Woźniak, N. Henze, G. Jacucci. Pac-Many: Movement Behavior when Playing Collaborative and Competitive Games on Large Displays. In *Proceedings of the ACM SIGCHI Conference on Human Factors in Computing Systems 2018 (CHI'18)*, 539:1-539:10.
- Z. Sarsenbaveva**, N. van Berkel, C. Luo, V. Kostakos, J. Goncalves (2017). Challenges of Situational Impairments during Interaction with Mobile Devices. *Proceedings of the 29th Australian Conference on Human-Computer Interaction (OzCHI'17)*, to appear. **\*\*\*Honourable Mention Award.**
- Z. Sarsenbaveva**, N. van Berkel, A. Visuri, S. Rissanen, H. Rintamäki, V. Kostakos, J. Goncalves (2017). Sensing Cold-Induced Situational Impairments in Mobile Interaction using Battery Temperature. *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT, UbiComp'17)*.
- Z. Sarsenbaveva**, D. Ferreira, N. van Berkel, C. Luo, M. Vaisanen, V. Kostakos, J. Goncalves (2017). Vision-Based Happiness Inference: A Feasibility Case-Study. *Adjunct Proceedings of the 2017 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp'17 Adjunct)*.
- Z. Sarsenbaveva**, J. Goncalves, J. García, S. Klakegg, S. Rissanen, H. Rintamäki, J. Hannu, V. Kostakos. (2016). Situational Impairments to Mobile Interaction in Cold Environments. In *Proceedings of the 2016 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp'16)*.
- J. Goncalves, **Z. Sarsenbaveva**, N. van Berkel, S. Hosio, S. Rissanen, H. Rintamäki, V. Kostakos. (2016). Tapping Task Performance on Smartphones in Cold Temperature. *Interacting with Computers*.
- A. Visuri, **Z. Sarsenbaveva**, J. Goncalves, E. Karapanos, S. Jones. (2016). Impact of mood changes on application selection. In *Proceedings of the 2016 ACM International Joint Conference on Pervasive and Ubiquitous Computing (UbiComp'16 Adjunct)*.
- A. Visuri, **Z. Sarsenbaveva**, N. van Berkel, J. Goncalves, R. Rawassizadeh, V. Kostakos, D. Ferreira. Quantifying Sources and Types of Smartwatch Usage Sessions. In *Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems (CHI'17)*.