

# CURRICULUM VITAE (CV)

## PERSONAL INFORMATION



Full Name: **ZOLZAYA Dashdorj**  
Sex: Female  
Nationality: Mongolia  
Residence: Seoul, South Korea  
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## EDUCATIONAL BACKGROUND

Nov 2011 – Nov 2015 University of Trento, Trento, Italy  
**PhD of Information and Communication Technology**, Dept. of Information Engineering and Computer Science, DKM – Fondazione Bruno Kessler, SKIL - Telecom Italia, Supervisor: Prof. Luciano Serafini, Industrial advisor: Dr. Roberto Larcher, Fabrizio Antonelli

Sep 2005 – Feb 2009 Mongolian University of Science and Technology, Ulaanbaatar, Mongolia  
**Master of Computer Science in Information Systems** – CSMS

Sep 2002 – Feb 2006 Mongolian University of Science and Technology, Ulaanbaatar, Mongolia  
**Bachelor of Computer Science in Software Engineering** – CSMS

## PROFESSIONAL EXPERIENCE

Apr 2016 – Feb 2017 Korea University, BK 21 plus Bigdata Scientist Human Resource Development Project, Seoul, South Korea  
**Research Professor**, Dept. of Computer Science and Engineering, College of Information and Communications – Data Intelligence Lab

Aug 2006 – present Mongolian University of Science and Technology, Ulaanbaatar, Mongolia  
**Senior Lecturer**, Lecturer, Assistant Lecturer, Dept. of Software Engineering and Computer Science – SICT

Aug 2015 UN Global Pulse Lab in Jakarta, Indonesia  
**Research Consultant**

Aug 2014 – Dec 2014 United Nations Development Programme in Mongolia, Ulaanbaatar, Mongolia  
**Research Intern**, Monitoring and Evaluation Unit

Jan 2014 – Jul 2014 Massachusetts Institute of Technology, Cambridge, MA, USA  
**Visiting Researcher**, Dept. of Urban Studies and Planning - MIT Senseable City Lab  
Advisor: Prof of the practice. Carlo Ratti

Jan 2011 – Oct 2011 University of Trento, Trento, Italy  
**Research Intern**, Dept. of Information Engineering and Computer Science – Social Informatics Research Program Advisor: Prof. Fabio Casati

Mar 2009 – Feb 2010 National Information Technology Park (a state owned), UB, Mongolia  
**Deputy Director, Head of Outsourcing and Cooperation Promotion Division & Foreign Affairs**

Jan 2007 – Mar 2009 Akibasoft Co.Ltd, Digimo Co.Ltd, Tokyo, Japan  
**Software Engineer**

Jan 2002 – Aug 2006 StarSoft Co.Ltd, Ulaanbaatar, Mongolia  
**Software Engineer**

## PROJECT EXPERIENCE

- Research project: Feasibility Assessment for Open Learning System/Open University – UNESCO & MECS 2010, Ulaanbaatar CitySDK – ADB & MECS 2015
- System application development: Language conversion tools – Mitsubishi Co.Ltd, Allergy analyzing system using medical robots – Aloka Co.Ltd & PromptNow Co.Ltd, Blood sample preparation system - Aloka Co.Ltd & PromptNow Co.Ltd, Real-time creation and management of “communities of interest” - European

Commission & University of Trento

- Web application development: Game portal web sites – Star soft Co.Ltd, , Scientific paper registration system and visualization – Mongolian Academy of Sciences & MECS
- Mobile application development: Online and offline games – Star soft Co.Ltd, Meet-me virtual game – Transcosmos Co.Ltd

## LANGUAGES

**English**-advanced, **Japanese**-conversational, **Mongolian**-native, **Italian** - beginner, **Russian**- beginner, **Korean**-beginner

## AWARDS

- Fellowship at UN Global Pulse Lab in Jakarta, 2015
- ISWC/UBICOMP Travel Grant Award, 2014
- Student Travel Grant Award, Semantic Web Science Association (SWSA), ISWC 2013
- Project specific grant award, SKIL, Telecom Italia, 2011
- The best graduation award, MUST-CSMS, 2006
- The best student award each semester, MUST-CSMS 2003-2006
- The best graduation award, High School #97, Ulaanbaatar, Mongolia 2002.

## PUBLICATIONS

- Zolzaya Dashdorj, Muhammad Tahir Khan, Loris Bozzato, SangKeun Lee “Classification of News by Topic Using Location Data”, Semantic Technology Book, 6<sup>th</sup> JIST, Springer's LNCS, 2016, Singapore, Singapore
- Zolzaya Dashdorj, Battushig Tsogtbaatar, Altangerel Tumurchudur, Erdenebaatar Altangerel, High Level Event Identification in Social Media, 12<sup>th</sup> International Conference on Semantics, Knowledge and Grids, 2016, Beijing, China
- Zolzaya Dashdorj, Stanislav Sobolevsky “Characterization of behavioral patterns exploiting description of geographical areas.” in the HICCS'49 conference on symposium ComplexXity: Technology for Complex Urban Systems, and the special issue of Springer's Transactions on Large-Scale Data- and Knowledge-Centered Systems, 2016, USA
- Zolzaya Dashdorj, Stanislav Sobolevsky. “Impact of the spatial context on human communication activity.” In Proceedings of the First ACM Ubicomp/ISWC '15 International Workshop on SmartCities 2015 (Ubicomp/ISWC SmartCities 2015), Osaka, Japan
- Z. Dashdorj, S. Sobolevsky, L. Serafini, F. Antonelli, Ratti. “Semantic Enrichment of Mobile Phone Data Records using Background Knowledge”. (pre-printed arxiv 2015)
- Zolzaya Dashdorj, Stanislav Sobolevsky, Luciano Serafini and Carlo Ratti (as a best paper invited at the journal, ACM Transactions on Spatial Algorithms and Systems) Human activity recognition from spatial data-sources, 3<sup>rd</sup> ACM SigSpatial International Workshop on ACM SIGSPATIAL MOBIGIS 2014, Texas, USA
- Zolzaya Dashdorj, Stanislav Sobolevsky (2<sup>nd</sup> place prize) Human dynamics through big data, Hurel togoot Workshop, Mongolian Association on Technology and Innovation of Young Researchers, 2014, Mongolia
- Zolzaya Dashdorj, Luciano Serafini, Fabrizio Antonelli, Roberto Larcher, Semantic Enrichment of Mobile Phone Data Records, Research Track of 12th International Conference on Mobile and Ubiquitous Multimedia, ACM, 2013, Sweden
- Zolzaya Dashdorj, Luciano Serafini, Semantic Enrichment of Mobile Phone Data Records Using Linked Open Data, Posters and Demonstrations Track of 12th International Semantic Web Conference (ISWC), CEUR-WS, 2013, Sydney
- Zolzaya Dashdorj, Luciano Serafini, Semantic Interpretation of Mobile Phone Records Exploiting Background Knowledge, Doctoral Consortium of 12th ISWC, Sydney, 2013, Australia
- Zolzaya Dashdorj (selected for oral presentation) Identification and Characterization of Human Behavior Patterns from Mobile Phone Data, co authors: Pavlos Paraskevopoulos, Tanh-Cong Dinh, Themis Palpanas and Luciano Serafini, International Conference on the Analysis of Mobile Phone Datasets (NetMob), Special Session on the Data for Development (D4D) Challenge, 2013, USA
- Zolzaya Dashdorj, Methodology of e-government development, Scientific Research Workshop, Computer Science Management School of MUST, 2010, Ulaanbaatar, Mongolia
- R.Bat-Erdene, A.Erdenebaatar, R.Turbat, D.Zolzaya, B.Munkhkhuj, D.Khash-Erdene, Project Report on Feasibility assessment for open learning system/open university in Mongolia, UNESCO, 2010, Ulaanbaatar,
- Zolzaya Dashdorj, Outsourcing in Mongolia, Computer Times Magazine, 2009, Ulaanbaatar, Mongolia