

PERSONAL INFORMATION

Daniela Gîfu



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Sex Female | Date of birth 10 Jan 1973 | Nationality Romanian

WORK EXPERIENCE

10/03/2022–present

Scientific Researcher II

16/07/2018–15/07/2021

“Alexandru Ioan Cuza” University of Iași, Romania

Faculty of Computer Science

01/03/2022–present

Scientific Researcher II

Institute of Computer Science, Romanian Academy - Iași Branch

18/07/2019–31/12/2020

Project Evaluation Expert

S.C. TeamPro Strategy Consulting S.R.L., Bucharest (Romania)

11/12/2017–15/12/2019

Expert Linguist

Cognos Business Consulting SRL, Bucharest, Romania

01/01/2017–28/02/2022

Scientific Researcher III

Institute of Computer Science, Romanian Academy - Iași Branch

01/10/2016–31/12/2017

Expert on Natural Language Processing Issues

Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI), Bucharest, Romania

01/12/2013–Present

Affiliated Scientific Researcher

University of Craiova, Romania

Center for Advanced Research in Applied Informatics

01/08/2013–28/02/2018

Scientific Researcher III

“Alexandru Ioan Cuza” University of Iași, Romania

Faculty of Computer Science

Research Department – Natural Language Processing (NLP)

15/11/2011–Present

Associate Professor

“Alexandru Ioan Cuza” University of Iași, Romania

EDUCATION AND TRAINING

10/2013–09/2016

Joint PhD in Computer Science

ISCED 8

Faculty of Computer Science of “Alexandru Ioan Cuza” University of Iași & Research Institute for Artificial Intelligence “Mihai Drăgănescu”, Romanian Academy - Iași Branch

Computer Science

Title: *Lexical Semantics in Text Processing. Contrastive Diachronic Studies on Romanian Language*
 Coordinators: prof.dr. Dan Cristea & acad. Dan Tufiş

10/2010–03/2013

Postdoctoral research

Faculty of Computer Science & Faculty of Philosophy and Social-Political at the “Alexandru Ioan Cuza” University of Iaşi, Romania

Computational Linguistics

Project title: *Use of natural language technologies for the measurement of media reactions to developments in the political arena*

Coordinator: prof.dr. Dan Cristea

07/2004–10/2010

PhD in Philosophy

ISCED 8

Faculty of Philosophy and Social-Political at the “Alexandru Ioan Cuza” University of Iaşi, Romania

Philosophy – Communication

PhD title: *The Written Press Discourse and Symbolic Violence. Presidential Election Analysis*

Coordinator: prof.dr. Laurentiu Soitu

10/2002–07/2004

Master Degree in Communication and Public Relations

ISCED 7

"David Ogilvy" Faculty of Communication and Public Relations at the National School of Political and Administrative Studies, Bucharest

Communication and Public Relations

10/1992–07/1997

Licentiate in Physics

ISCED 6

Faculty of Physics at the “Alexandru Ioan Cuza” University of Iaşi, Romania

Physics - Biophysics

PERSONAL SKILLS

Mother tongue(s)

Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Russian	A1	A2	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
[Common European Framework of Reference for Languages - Self-assessment grid](#)

ADDITIONAL INFORMATION

Scientific Visibility

ORCID: <http://orcid.org/0000-0001-8116-053X>
 Google Academic: h-index16 & i10-index 26 /
 Scopus: 5 & Web of Science: 5

Member of Organizing Committee

37 (inter)national events

Member of Program Committee

92 (inter)national events

Visiting Professor

- 25 Jan.-29 Feb. 2020 - University of Zaragoza, Department of Computer Science and Systems Engineering (Distribution Information Systems research group - SID), Spain.
- 26 Jan.-27 Feb. 2019 - University of Bergen, Department of Linguistic, Literary, and Aesthetic Studies (Language Models and Resources - LaMoRe), Norway.

- 11-22 Dec. 2017 - Huazhong Agricultural University, Department of Big Data Science, College of Informatics, as a form of High-end Foreign Experts Recruitment Program, Hongshan district, Hubei Province, China.
- 14 July - 04 Sept. 2012 - Ca' Foscari University of Venice, Department of Computational Linguistics, Italy.
- 2008-2009 - University of New Mexico - Gallup Branch, Department of Math & Science, New Mexico, USA.

Member in editorial boards and peer-reviewer - 22 (inter)national scientific journals

Scientific Papers - 250

For instance:

Journal articles: (1) Youzhu Li; Huiling Zhou; Zhonglong Lin; Yifan Wang; Shunjie Chen; Chang Liu; Zhouyang Wang; Daniela Gifu; Jingbo Xia; Investigation in the influences of public opinion indicators on vegetable prices by corpora construction and WeChat article analysis. In: *Future Generation Computer Systems*, **FGCS**, 01/2020, 102: 876-888.

(2) Jinbo Chen; Huiling Zhou; Hongyu Hu; Yan Song; Daniela Gifu; Youzhu Li; Ye Huang; Research on Agricultural Monitoring System based on Convolutional Neural Network. In: *Future Generation Computer Systems*, **FGCS 2018 1005 R1**, 11/2018, 88: 271-278

Conference papers: (1) Rares Chelmsus, Daniela Gifu, and Adrian Iftene. Prediction of Cryptocurrency Market, at the 19th *International Conference on Computational Linguistics and Intelligent Text Processing*, **CICLing2018**, 18-24 March 2018, Hanoi, Vietnam.

(2) Mirela Teodorescu; Daniela Gifu; Florentin Smarandache; Maintenance Operating System Uncertainties Approached through Neutrosophic Theory, at the *IEEE International Conference on Fuzzy Systems (FUZZ-IEEE 2016)*, hosted by IEEE World Congress on Computational Intelligence (IEEE WCCI), 24-29 July 2016, Vancouver, Canada.

Scientific Books - 17

For instance: Diana Trandabăț; Daniela Gifu; **Linguistic Linked Open Data**, SPRINGER, 2016, ISSN 1865-0929, ISSN 1865-0937 (electronic), ISBN 978-3-319-32941-3, ISBN 978-3-319-32942-0 (eBook), DOI 10.1007/978-3-319-32942-0.

Projects

- 31.07.2019 - 30.07.2023 - *COST Action CA18209*, abbreviated NexusLingarium. Proposal Reference: OC-2018-2-23228 "European network for Web-centred linguistic data science". Rank: MC Member [Ro]
- 23.11.2020 - 22.10.2022 - Artificial Intelligence Models (Deep Learning) Applied in the Syntactic-Semantic Analysis of Old Romanian Language (Deep Learning for Old Romanian) - DeLORo - PN-III-P1-1.2-PCCDI-2017-0818, Romanian Academy - Iași branch(CO) with "Alexandru Ioan Cuza University of Iași (UAIC), University of Bucharest (UB), Romanian Academy, and Romanian Library. Rank: CS III
- 01.05.2019 - 30.04.2021 - *Academic Writing Collection Network - AWICNET*, subordinate to the project *Academic genres at the crossroads of tradition and internationalization: Corpus-based interlanguage research on genre use in student writing at Romanian universities - ROGER*, West University of Timișoara, Romania in collaboration with SWISS National Science Foundation (ctr.no. IZ11Z0_16653). Rank: Micro Project Manager.
- 01.04.2019 - 28.06.2019 - *ROSE*, Competitive project on Secondary Education of the Ministry of National Education (Grant Scheme for Universities - Learning Centers (SGCU-CI), with World Bank funds, "Alexandru Ioan Cuza" University of Iași. Rank: Activities Coordinator on Faculties.
- 01.04.2018 - 30.04.2021 - *Bimodal corpus for Romanian language annotated on multiple levels - CoBiLiRo*, part of *Resources and technologies for the development of human-machine interfaces in Romanian - RETEROM*, PN-III-P1-1.2-PCCDI-2017-0818, Research Institute for Artificial Intelligence "MIHAI DRAGANESCU", Romanian Academy in collaboration with Technical University of Cluj-Napoca, University POLITEHNICA of Bucharest, and "Alexandru Ioan Cuza" University of Iași (partener). Rank: Scientific Researcher (CS) II.
- 01.04.2018 - 30.04.2021 - *Technologies for natural language processing - text - TEPROLIN*, part of *Resources and technologies for the development of human-machine interfaces in Romanian - RETEROM*, PN-III-P1-1.2-PCCDI-2017-0818, Research Institute for Artificial Intelligence "MIHAI DRAGANESCU", Romanian Academy in collaboration with Technical University of Cluj-Napoca, University POLITEHNICA of Bucharest, and "Alexandru Ioan Cuza" University of Iași (partener). Rank: Scientific Researcher II.

- 01.04.2018 - 30.04.2021 - *Technologies for automatic annotation of audio data and for the creation of automatic speech recognition interfaces - TADARAV*, part of *Resources and technologies for the development of human-machine interfaces in Romanian - RETEROM*, PN-III-P1-1.2-PCCDI-2017-0818, Research Institute for Artificial Intelligence "MIHAI DRAGANESCU", Romanian Academy in collaboration with Technical University of Cluj-Napoca, University POLITEHNICA of Bucharest, and "Alexandru Ioan Cuza" University of Iași (partener). Rank: Scientific Researcher II.
- 01.04.2018 - 30.04.2021 - *Technologies for the realization of human-machine interfaces for text-speech synthesis with expressiveness - SINTERO*, part of *Resources and technologies for the development of human-machine interfaces in Romanian - RETEROM*, PN-III-P1-1.2-PCCDI-2017-0818, Research Institute for Artificial Intelligence "MIHAI DRAGANESCU", Romanian Academy in collaboration with Technical University of Cluj-Napoca, University POLITEHNICA of Bucharest, and "Alexandru Ioan Cuza" University of Iași (partener). Rank: Scientific Researcher II.
- 01.10.2016 - 31.12.2017 - *Development of administrative capacity to implement actions NASR established in the National Strategy for Research, Technological Development and Innovation 2014-2020*, SIPOCA 27, Executive Unit for Financing Higher Education, Research, Development and Innovation (UEFISCDI) in collaboration with National Institute of Scientific Research in the field of Labour and Social Protection - INCSMPS Bucharest, Romania. Rank: NLP Expert.
- 01.12.2016 - 21.09.2018 - *eCULTFOOD - Digitization of cultural food heritage*, The Region of Bacău, PN-III-P2-2.1-BG-2016-0390, Alexandru Ioan Cuza" University of Iași (partener) in collaboration with "Vasile Alecsandri" University of Bacău and Cultural Association "ARTĂ - TRADIȚII - PATRIMONIUL FĂRĂ FRONTIERE". Rank: Scientific Researcher III.
- 01.08.2014 - 01.10.2017 - *MappingBooks – Let me jump in the book!*, PN-II-PT-PCCA-2013-4-1878, "Alexandru Ioan Cuza" University of Iași (coord.) in collaboration with SIVICO Romania S.A., "Ștefan cel Mare" University of Suceava, Romania. Rank: Scientific Researcher III).
- 02.02.2016 - 14.09.2016 - *COST Action*, COST Association. Evaluation of proposals for the Open Call OC-2016-1. Proposal Reference: OC-2016-1-20715 "Argumentation and Intelligent Decisions in the largeE". Rank: External Expert.
- 08-11.02.2016 - *NESUS Winter School & PhD Symposium 2016*, First Training School of COST Action, Information and Communication Technologies (ICT), IC1305, at the Western University of Timișoara (Romania), Rank: PhD Student.
- 14.12.2014 - *The didactic staff from school education and state university system - promoter of lifelong learning*, European Social Fund by POSDRU/174/1.3/S/149155, The Ministry of National Education, Romania. Rank: Scientific Researcher.
- 01.09.2014 - 30.06.2015 - *Erasmus Mundus Action 2 EMERGE Project* (2011 – 2576 / 001 – 001 - EMA2). An exchange mobility at the "Alec Russo" Bălți State University, Republic of Moldova. Field of study: Computer Science, Computational Linguistics, Semantic and Pragmatic aspects of the discourse. Rank: PhD Student.
- 01.01.2014 - 14.12.2017 - *Computational representative corpus of Romanian language COROLA*, project financed by Romanian Academy. Rank: Scientific Researcher III.
- 01.10.2013 - 30.06.2014 - *Uncertainties and difficulties in communication as an academic discipline. A global meta-analytic approach* (IDCOM), Grant number 33C/2014, University of Craiova, Romania. Rank: Associate Member (Scientific Researcher III).
- 01.10.2010 - 31.03.2013 - *Transnational Network for Integrated Management of Post-doctoral Research in Communicating Sciences. Institutional building (Post-doctoral School) and fellowships program (CommScie)*, POSDRU/89/1.5/S/63663, "Alexandru Ioan Cuza" University of Iași (coord.) in collaboration with West University of Timișoara, "Babeș-Bolyai" University of Cluj-Napoca, West University „Vasile Goldiș”, Arad, Romanian Academy of Iași – Institute of Romanian Philology “A. Philippide” Iași, Romania, Università degli Studi di Genova, Italy. Rank: Post-doctoral Researcher.