


PERSONAL INFORMATION

Maria Carp Calea Serban Voda, 100, Sector 4, Bucuresti, 040213 Bucuresti (Romania) 0040766236344 maria@racai.ro

WORK EXPERIENCE

- 01/2019–Present **Researcher**
Research Institute for Artificial Intelligence "Mihai Drăgănescu", Romanian Academy, Bucharest (Romania)
- 11/2015–12/2018 **Research Assistant**
Research Institute for Artificial Intelligence "Mihai Drăgănescu", Romanian Academy, Bucharest (Romania)
- 09/2014–10/2015 **Computer Science Teacher**
Kogaion Gifted Academy, Bucharest (Romania)
- 06/2012–07/2014 **Researcher in Applied Mathematics**
Comsys Software SRL (and LRL Investment Services SRL), Bucharest (Romania)

EDUCATION AND TRAINING

- 11/2015–Present **PhD in Information Extraction from biomedical literature**
Research Institute for Artificial Intelligence "Mihai Drăgănescu", Romanian Academy, Bucharest (Romania)
- 10/2010–06/2012 **Master Degree in Mathematics Specialization: Mathematics applied in Finances, Insurances and Biostatistics**
University of Bucharest, Faculty of Mathematics and Computer Science, Bucharest (Romania)
- 09/2011–02/2012 **Master of Science Specialization: Applied Mathematics**
University: University Paris-Est Marne-la-Vallée, Paris (France)
- 10/2007–06/2010 **Bachelor Degree in Mathematics Specialization: Mathematics and Computer Science**
University of Bucharest, Faculty of Mathematics and Computer Science, Bucharest (Romania)
- 09/2003–06/2007 **Baccalaureate Specialization Mathematics and Computer Science**
National High School "Vlaicu Voda", Curtea de Arges (Romania)
- 09/2011–02/2012 **Scholarship Erasmus Mundus Master in Mathematics**
University Paris-Est Marne-la-Vallée, Paris (France)



2017

EUROLAN 2017- Summer School in Biomedical Text Processing, Constanta (Romania)

2015

EUROLAN 2015 - Summer School in Linguistic Linked Open Data Location, Sibiu (Romania)

2013

3rd Summer School on Data Assimilation and its Applications, 2013 Organized by: Delft University of Technology (TU), NETHERLANDS, Cluj (Romania)

PERSONAL SKILLS

Mother tongue(s) Romanian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
French	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Programming Languages: C++, Python

Technical computing language: Matlab, R

Web: HTML

Database: SQL

ADDITIONAL INFORMATION

Conferences and Research Papers

Andrei Coman, Maria Mitrofan, Dan Tufis, : Automatic identification and classification of legal terms in Romanian law texts, In press, 2019, ConslLR, Cluj, România.

Ioana Marinescu, Verginica Barbu Mititelu, Maria Mitrofan: Polishing MoNERo, the morphologically and medical named entities annotated corpus of Romanian, In press, 2019, ConslLR, Cluj, România.

Daniel Gifu, Alex Moruz, Cecilia Bolea, Anca Bibiri, Maria Mitrofan: The methodology of building CoRoLa. On design, creation and use of the Reference Corpus of Contemporary Romanian and its analysis tools. CoRoLa, KorAP, DRuKoLA and EuReCo. Revue roumaine de linguistique, No./Issue 2, 2019 (LXIV).

Dan Tufis, Verginica Barbu Mititelu, Elena Irimia, Vasile Păis, Radu Ion, Nils Diwald, Maria Mitrofan, Mihaela Onofrei: Little strokes fell great oaks. Creating CoRoLa, the reference corpus of contemporary Romanian. On design, creation and use of the Reference Corpus of Contemporary Romanian and its analysis tools. CoRoLa, KorAP, DRuKoLA and EuReCo. Revue roumaine de linguistique,



No./Issue 2, 2019 (LXIV).

Radu Ion, Vasile Păis ,Maria Mitrofan: RACAI's System at PharmaCoNER 2019. Proceedings of the PharmaCoNER: Pharmacological Substances, Compounds and proteins Named Entity Recognition track, EMNLP, 2019, Hong Kong, China.

Maria Mitrofan, Verginica Barbu Mititelu, Grigorina Mitrofan: MoNERo: a Biomedical Gold Standard Corpus for the Romanian Language Proceedings of 18th ACL Workshop on Biomedical Natural Language Processing, ACL 2019, Florence, Italy.

Verginica Barbu Mititelu, Ivelina Stoyanova, Tsvetana Dimitrova, Svetlozara Leseva, Maria Mitrofan, Maria Todorova:

Hear about Verbal Multiword Expressions in the Bulgarian and the Romanian Wordnets Straight from the Horse's Mouth

Proceedings of Joint Workshop on Multiword Expressions and WordNet (MWE-WN 2019), ACL 2019, Florence, Italy.

Verginica Mititelu, Maria Mitrofan: Leaving No Stone Unturned When Identifying and Classifying Verbal Multiword Expressions in the Romanian Wordnet Proceedings of The 10th Global WordNet Conference, GWC 2019, Wroclaw, Poland

Elena Irimia, Maria Mitrofan, Verginica Mititelu: Evaluating the Wordnet and CoRoLa based Word Embedding Vectors for Romanian as Resources in the Task of Microworlds Lexicon Expansion. Proceedings of The 10th Global WordNet Conference, GWC 2019, Wroclaw, Poland.

Maria Mitrofan, Verginica Barbu Mititelu, Grigorina Mitrofan. "The Construction of a Gold Standard Biomedical Corpus for the Romania Towards n Language". *Data Journal* 3.4 (2018): 53

Mitrofan Maria, and Tufis Dan. "BioRo: The Biomedical Corpus for the Romanian Language". *Proceedings of the 11th edition of the Language Resources and Evaluation Conference, Japan, 2018*

Mitrofan Maria, Barbu Mititelu Verginica, Mitrofan Grigorina. "A Pilot Study for Enriching the Romanian WordNet with Medical Terms." *Proceeding of the International Conference Computational Linguistics in Bulgaria, CLIB 2018*

Mitrofan, Maria. "Bootstrapping a Romanian Corpus for Medical Named Entity Recognition." *Proceedings of the International Conference Recent Advances in Natural Language Processing, RANLP 2017, Bulgaria.*

Mitrofan, Maria, and Ion Radu. "Adapting the TTL Romanian POS Tagger to the Biomedical Domain." *Proceedings of the Biomedical NLP Workshop associated with RANLP 2017, Bulgaria.*

Maria Mitrofan and Dan Tufis. "Building and evaluating the romanian medical corpus." *Proceedings of the 12th International Conference Linguistic Resources and tools for processing the Romanian language, CONSILR, 2016 pages 29–36.*

Ongoing Projects

<https://marcell-project.eu/about.html>

<http://dev.racai.ro/ReTeRom/>

<http://aimas.cs.pub.ro/robin/en/robin-dialog/>

