Luiza Orosanu

PhD in computer science

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Research & Development Experience

Oct. 2016 - Present
Machine Learning Engineer, Xilopix — France
Knowledge inference for the Xaphir French search engine
Keywords: text classification, color classification
Referents: Sébastien Demange, Cyril March

Dec. 2012 - Feb. 2016
Junior researcher, INRIA (LORIA) — France
Speech recognition as a communication aid for deaf or hearing impaired people (RAPSODIE project)
Keywords: embedded system, hybrid language model, out-of-vocabulary words, similar words, question detection
Referent: Denis Jouvet

Oct. 2011 - Dec. 2012
Expert Engineer, INRIA (LORIA) — France
Speech recognition for second language learning (ALLEGRO project)
Keywords: incorrect entries, non-native speech
Referents: Dominique Fohr, Irina Illina, Denis Jouvet

Feb. 2011 - June 2011
Intern, INRIA (LORIA) — France
Speech recognition with remote sound for home automation
Keywords: remote sound, speech recognition performance
Referents: Dominique Fohr, Irina Illina, Denis Jouvet

Feb. 2010 - June 2010
Intern, University 'Stefan cel Mare' — Romania
Acquiring and recognising head movements for the gestural control of video games
Keywords: head movements, Wii remote, infrared sensors
Referent: Radu-Daniel Vatavu

Administrative Experience

Feb. 2014 - Aug. 2015
Responsible of the international network, INRIA — France
Support the integration of foreigners working at INRIA (LORIA)
Referent: Fabienne Elbar, Claudia Ignat

Education

Dec. 2012 - Dec. 2015
PhD in Computer Science — France
Major: Speech Recognition
University of Lorraine, INRIA

2010 - 2011
Master of Research in Computer Science — France
Major: "Recognition, Training, Reasoning"
University of Lorraine

2006 - 2010
Bachelor's degree in Computer Science — Romania
Major: Computer Science
University 'Stefan cel Mare', Suceava

2002 - 2006
High School diploma — Romania
Major: Mathematics and Computer Science
High School 'Spiru Haret', Suceava

Programming Challenges

AI-MAS — Bucharest, Romania
February 2010
AI contest: the "Crafting Quest" game
Reference: www.aiolympics.ro

ACM-ICPC — Bucharest, Romania
October 2008, 2009
International programming contest
Reference: www.acm.ro

Computer Skills

Programming languages
Ruby, Python, Perl, Shell Scripting, Java, C, C++, C#, Visual Basic

Web
PHP, HTML, CSS, Javascript

Database
SQL, MongoDB, Elasticsearch

QA
Git, Jenkins, Gerrit, Docker

Operating Systems
Linux, Windows

Language Skills

English: fluent
French: fluent
Romanian: native

Interests

Long walks, TV-shows, video games, board games

Additional Information

B driving licence