

Ali Reza Ebadat

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Personal Profile

A researcher in Natural Language Processing and Machine Learning with software development and management background, interested in problem solving and critical thinking.

Research Interest

- Natural Language Processing
- Information Retrieval
- Machine Translation
- Text mining

Skills

- **Programming languages** : C/C++, Perl, Java, Python, Delphi, SQL, Java Script, Visual Basic, Prolog
- **Database** : SQL Server 7.0 to 2003
- **Methodology** : Object Oriented Programming, Agile Project Management (scrum)
- **Algorithm** : Neural Network, Genetic Algorithm, different supervised and unsupervised Machine Learning algorithm, different Statistical Natural Language Processing algorithm
- **NLP tools and library** : NLTK, WEKA

Education

2009-2012, INSA-Rennes, Rennes, France

PhD Computer Science (expected)

- Fully funded PhD program by INRIA (National Institute for Research in Computer Science)
- Working on part of QUAERO project (which is supported by OSEO)
- Thesis : Semantic Annotation for Multimedia Documents

2007-2009, Saarland & Nancy Universities, Saarbrücken, Germany & Nancy, France

MSc. Computational Linguistic

- Awarded by Erasmus Mundus scholarship – two years
- Thesis : Using Genetic Algorithm to design a Decoder for Statistical Machine Translation
- Languages : C++, Python

1996-1999, Tarbiat Modares University, Tehran, Iran

MSc. Software Engineering

- Thesis : Transferring results of a Syntax Analyzer to an Interlingua

1990-1995, Sharif University of Technology, Tehran, Iran

BSc. Computer Engineering

- Thesis : Design and Implementation of an intelligent Hardware for Home Security

Experiences

2009-2012 ,INRIA, Rennes, France

Researcher (Full time)

- As Researcher working on Machine Learning and Natural Language Processing
- Publishing paper in international conference

1998-2007, Mabnasoft, Tehran, Iran

Technical manager (Full time)

- Managing and developing software projects
- Design and develop and manage Pars translator as an English to Persian translation software
- Design and develop a Persian text classification project

2004-2006, Iran Karafarin, Tehran, Iran

Consultant (Part time)

- Evaluating SBDC (Small Business Development Center) project in Information Technology
- Evaluating Information Technology project proposed for financial support

2003-2004, University Of Applied Science And Technology, Karaj, Iran

Teacher (Part time)

- Teaching : Operating Systems, Networking Essential, Documentation, Advanced Programming

Publication

- Ali Reza Ebadat, Vincent Claveau, Pascale Sébillot “ *Proper Noun Semantic Clustering using Bag-of-Vectors* “ , FLAIRS-25, Marco Island, USA, 2012
- Ali Reza Ebadat, Vincent Claveau, Pascale Sébillot “*Using shallow linguistic features for relation extraction in bio-medical texts* “ , in Proc. of the student research workshop, Hissar, Bulgaria, Sep 2011
- David Langlois, Kamel Smaili, Ali Reza Ebadat “*Utilisation des algorithmes genetiques pour la Traduction Automatique*”, EGC 2010
- Ali Reza Ebadat, Saeed Jalili “*Desing and implementation of Text Translator into Montuge Interlingua*” , in Proc. 8th Iranian Conference on Electrical Engineering, Isfahan, Iran, 2000

References are available on request

