

CV of Martín Ariel Domínguez

PERSONAL DATA

- Last, First and Middle Names: Domínguez Martín Ariel
- Marital Status: Divorced
- Date of Birth: June 19th, 1975.
- Country of Birth: Argentina.
- Citizen of: Argentina and Italy
- Postal Address: Pje. Blamey Lafore 2084, Rosedal, - 5010 - Cordoba - Argentina
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EDUCATION

- 2000 Degree of Licenciado en Ciencias de la Computación¹ at University of Cordoba Argentina, FaMAF (Mathematics, Physics and Astronomy School). Overall mark: 8.50 over 10. Topic of the Thesis: Programs Derivation Techniques. Dissertation Mark: 10 over 10.
- 2012 PhD in Computer Science at University of Cordoba Argentina. Thesis title: Optimizations Technique for Natural Language Processing.

SCHOLARSHIPS

- Academic Excellence Award. Three-year research scholarship, intel™, 2007-2010 Cordoba, Argentina.

PROFESSIONAL SPECIALIZATION COURSES

- ISO 9001:2000 Auditor, IRAM Standards Institute of Argentina.

POSTGRADUATE COURSES, WORKSHOPS AND CONFERENCES

Distributed Systems. University of Cordoba Argentina, FaMAF, 2004.

http://www.paniclab.rutgers.edu/~mcuenca/classes/2004_1er_sist_dist/

Critical Systems Verification. University of Cordoba Argentina, FaMAF, 2005

Text Mining. University of Cordoba Argentina, FaMAF, 2006

http://cs.famaf.unc.edu.ar/~laura/text_mining/

¹ This degree is considered equivalent to a Master in Computer Science degree.

Verification of Java Programs. Dr. Marieke Huisman (INRIA Paris, France). INCO, University of Montevideo, Uruguay.

Concurrent Programming. University of Cordoba Argentina, FaMAF, 2004

Real Time Programs Verification Seminar. of Cordoba Argentina, FaMAF, 2005

Rio 2008 Summer School on Computer Science. University of Rio Cuarto, Cordoba Argentina, 2008

33 JAIIO Conference University of Cordoba Argentina, FaMAF, 2004. Organization Committee.

TEACHING EXPERIENCE

- Teacher Assistant at University of Cordoba Argentina, FaMAF.
- Auxiliary Teacher, part-time University of Cordoba Argentina, FaMAF.
- Auxiliary Teacher, full-time University of Cordoba Argentina, FaMAF.
- Part-Time Teacher, Siglo XXI University, Cordoba Argentina.

INTERNSHIPS

- 1999-2000 Environment Observatory, Cordoba City Hall.
- 2000-2001 Alumni Secretary, University of Cordoba Argentina

SUPERVISION OF POST-GRADUATE THESIS

- Co-Advisor of a student . University of Cordoba Argentina, FaMAF

SUPERVISION OF GRADUATE DEGREE THESIS

- 2012 -
- 2007 Director of 1 graduate thesis student. University of Cordoba Argentina, FaMAF
- 2000-2008 Member of Examining Boards (6 times)

LANGUAGES

Language	Reads	Speaks	Writes
Spanish*	native	native	native
English	Very Good	Good	Good
Italian	Good	Regular	Regular

PUBLICATIONS

- Facundo Bustos and Areces, Carlos and Martin Ariel Dominguez and Joerg Hoffman, "Optimizing Planning Domains by Automatic Action Schema Splitting", ICAPS 2014, the 24th International Conference on Automated Planning and Scheduling, 2014, ASSOCIATION FOR THE ADVANCEMENT OF ARTIFICIAL INTELLIGENCE (AAAI),Portsmouth, USA.
- Martin Ariel Dominguez and Gabriel Gaston Infante Lopez. "A Framework for Unsupervised Dependency Parsing Using a soft-EM Algorithm and Bilexical Grammars". RCS (Research in Computer Science Journal, in MICAI 2013 conferece, noviembre 2013.
- Martín Ariel Domínguez, - Phd Thesis – "Optimization of Automata for Natural Language Dependency Parsing" – at "Facultad de Matemática Astronomía y Física" (Famaf) university of Córdoba , 4th june of 2012.
- F. Pacheco, P.A. Duboué, and M. Dominguez, "On The Feasibility of Open Domain Referring Expression Generation Using Large Scale Folksonomies", ;in Proceeding HLT-NAACL, 2012, pp.641-645.
- Martín Ariel Domínguez and Gabriel Infante-Lopez , "Unsupervised Induction of Dependency Structures using Probabilistic Bilexical Grammars", Proceedings of the 7th International Conference on Natural Language Processing and Knowledge Engineering (NLP-KE'11). Tokushima (Japan), November 2011, ISBN: 978-1-61284-729-0/11/\$26.00 ©2011 IEEE.
- Martín Ariel Domínguez and Gabriel Infante-Lopez , "A New General Grammar Formalism for Parsing", "Proceedings of the 10th Mexican International Conference on Artificial Intelligence, MICAI- 2011,Lecture Notes in Computer Science, LNAI series, Springer, Puebla, Mexico.", 2011, ISBN 978-3-642-25323-2, Pages:244-257,
- Martín Ariel Domínguez and Gabriel Infante-Lopez "Análisis de dependencias no supervisado basado en Gramáticas Biléxicas", Proceeding del Workshop on NLP and Web-based Technologies, realizado dentro de la conferencia internacional IBERAMIA 2010, noviembre 2010.
- Martín Ariel Domínguez and Gabriel Infante-Lopez. Head finders inspection: An unsupervised optimization approach. In Proceedings of the 7th international conference on Advances in Natural Language Processing, IceTAL 2010, Reykjavik, Iceland., 2010, ISBN: 3-642-14769-0, 978-3-642-14769-2.
- "Searching for Part of Speech Tags that improve Parsing Models" GoTAL- 2008 Gothenburg, Sweden, August 25-27, 2008.
- P-SPADES: A Process Algebra for Modeling Prioritized Stochastic Timed Systems - CASIC 2003- La Plata, Buenos Aires, Argentina.- Domínguez, Martín Ariel; Saiz Gerardo Javier; D'Argenio Pedro R. - pp. 1592_1602 -

- Linux Administrador Course,(Damián Barsottí - Marcos Kurban - Martín Domínguez- and Fundación Vía Libre) - 2002 (158 pages)
- Linux Administrador Course, remote, (www.vialibre.org.ar) - 2002

PROFESSIONAL EXPERIENCE

1999 Printing System Administration at LUIS MICHELI S.A.C.I.F, Cordoba, Argentina
 2000-2001 Virtual University Project at University of Quilmes, Buenos Aires, Argentina
 2001-2003 Programmer at Via Libre Foundation, Cordoba, Argentina. www.vialibre.org.ar
 2004-2005 Senior de Perl Programmer at MOTOROLA, Cordoba, Argentina
 2005-2006 ISO 9001:2000 Standards Consultant, freelance, Cordoba, Argentina
 2003-2014 Leader Auditor of ISO 9001:2000 Standards at IRAM, Cordoba, Argentina

OTHER UNIVERSITY ACTIVITIES

- (2012- 2014) Consultant of quality software from Cordoba University to different organizations.
- Center of Informatics Transference Committee member. University of Cordoba Argentina, FaMAF
- 2002 -2003 Organization of Linux Users and Administrators Courses. University of Cordoba Argentina, FaMAF

GENERAL KNOWLEDGE

- Configuration Management Tools: Clear Case, CVS, WinCVS
- Programming Languages: Perl, C, JAVA, Python, Pascal, Delphi, Visual Basic, ASP, Active Perl, Embedded Perl, Haskell, Prolog
- Operating Systems:
- Windows 98, NT, XP
- Unix, Solaris, FreeBSD
- Linux, Red Hat, Debian, Slackware, Mandrake
- Text Processing: HTML, XML, Latex
- Quality Systems Standards: ISO 9001:2000, ISO 19011, ISO 27000, CMMI

