

Cecilia Noelia Kilmurray



Date of Birth: October 15th of 1981
Nacionality: Argentina
Marital Status: Married
Address: Paunero 319
(C.P. 5800) Río Cuarto - Córdoba - Argentina
☎ **Phone:** +54-0358-4641948
✉ **E-mail:** ckilmurray@dc.exa.unrc.edu.ar

Last Update: August-2011

EDUCATION

Licenciatura en Ciencias de la Computación
Universidad Nacional de Río Cuarto - Argentina (2000-2005)
Average Score: 8.62 / 10

TEACHING EXPERIENCES

Universidad Nacional de Río Cuarto - Río Cuarto - Córdoba - Argentina
(April 2010 / to date)
Teacher Assistant at Department of Computing, National University of Río Cuarto, Córdoba, Argentina in the courses: "Simulation" and "Introduction to Algorithms and Programming"

PROFESSIONAL EXPERIENCE

Motorola (CMMi Level 5) - Global Software Group (GSG) - Cordoba - Argentina
(August 2006/December 2009)
Software Engineer
Mainly I worked on the development and maintenance of web portals with C#, ASP, HTML, Javascript technologies, VBscript, XML and SQL Data Bases (Oracle 10G, SQL Server 2005).

High Soft- Río Cuarto - Córdoba - Argentina
(June 2006/August 2006)
Software Engineer
Cobol developer using SQL Data Bases.

SCOLARSHIPS

Phd ScolarShip Agencia Nacional de Promoción Científica y Tecnológica (FONCyT), from June 2010 to May 2013.
Supervisor: Dr. Pablo Castro, Universidad Nacional de Río Cuarto.
Research Topic: Modal Logic extensions using probabilities notions as tools for specification and analysis of Fault Tolerant systems.

Research scholarship SECyT and Agencia Córdoba Ciencia (2004 - 2005)
Computer Sciences Department - Universidad Nacional de Río Cuarto.
Research Topic: "A Prototype for Safe Mobile Code Consumer" ", this job was inserted in the project "Generation Tool of Language Processors for Safe Mobile Code".

Research scholarship SECyT and Agencia Córdoba Ciencia (2003-2004)
Computer Sciences Department - Universidad Nacional de Río Cuarto.
Research Topic: "Optimizing concurrency in JAPLAGE and Prototyping for Safe Mobile Code" this job was inserted in the project "Generation Tool of Language Processors for Safe Mobile Code".

LANGUAGE SKILLS

Spanish:

Native.

English:

Advanced level of reading and written English.
Intermediate level of oral English.

PUBLICATIONS

- Pablo F. Castro , Cecilia Kilmurray , Araceli Acosta , and Nazareno Aguirre. dCTL: A Branching Time Temporal Logic for Fault-Tolerant System Verification. 9th International Conference on Software Engineering and Formal Methods.(SEFM 2011), Montevideo, Uruguay, November 14-18, 2011. (TO APPEAR)

GRADUATED COURSES

“Introduction to Category theory” - Dr. Javier Blanco, Universidad Nacional de Córdoba y Universidad Nacional de Río Cuarto. March 2010 – June 2010. Score: 10/10.

“Probabilistic Model Checking” - Dr. Pedro D'Argenio, Universidad Nacional de Córdoba. March 2011 - (taking last classes currently).

EXTRACURRICULAR COURSES, SHORTS COURSES, ETC.

Approved Courses:

“Model Checking Continuous-Time Markov Models: From Theory to Practice”. Dr. Joost-Pieter Katoen, RWTH University, Alemania - XVIII Summer School of Computer Sciences, Department of Computing, National University of Río Cuarto, Feb-2011.

“Implementation of Real time Systems: from Code to Models”. Dr. Sergio Yovine - CNRS, Francia XIII - Summer School of Computer Sciences, *Department of Computing, National University of Río Cuarto*, Feb-2006.

“Service-oriented Software Architectures (SOAs)” Dr. Carlo Ghezzi y Luciano Baresi - Politécnico de Milán, Italia, XIII Summer School of Computer Sciences, *Department of Computing, National University of Río Cuarto*, Feb-2006.

“Cryptography” Dr. Hugo Scolnik - Universidad de Buenos Aires, Argentina. XIII Summer School of Computer Sciences, *Department of Computing, National University of Río Cuarto*, Feb-2006.

“Quantum Computation and cryptographic applications.” Juan Pedro Hecht -“VIII International School of Informatic CACIC 2004” - San Justo, Provincia de Buenos Aires, Oct-2004

Attended Courses:

“Dependable Distributed Computing” . Dr. Lorenzo Alvisi - University of Texas at Austin, U.S.A - XVIII Summer School of Computer Sciences, *Department of Computing, National University of Río Cuarto*, Feb-2011.

“Software Testing using Formal Methods”. Dra. Laura Brandán Briones - FAMAF, Universidad Nacional de Córdoba - XVII Summer School of Computer Sciences - “Río 2010”, *Department of Computing, National University of Río Cuarto*, Feb-2010.

“Fundamentals of higher-order rewriting” . Dra. Delia Kesner, Univ. de París 7, Francia. XIII Summer School of Computer Sciences, *Department of Computing, National University of Río Cuarto*, Feb-2006.

“Modelling and Developing Systems Using TLA+”. Dr. Stephan Merz (INRIA Lorraine, France). XII Summer School of Computer Sciences, *Department of Computing, National University of Río Cuarto*, Feb-2005.

“Formal Methods for smartcards”. Dr. Gilles Barthe (INRIA, Sofia-Antipolis, Francia). XII Summer School of Computer Sciences, *Department of Computing, National University of Río Cuarto*, Feb-2005.

“Proving theorems with Isabelle/HOL”. Dictado por la Dra. Leonor Prensa (LORIA - Laboratoire Lorrain de Recherche en Informatique et ses Applications – Francia), XII Summer School of Computer Sciences, Department of Computing, National University of Rio Cuarto, Feb-2005.

“Computer Applications of the assisted Theorem demonstration using COQ” . Dra. Nora Szasz, Carlos Luna, INCO Uruguay. XI Summer School of Computer Sciences, Department of Computing, National University of Rio Cuarto, Feb 2004.

“Simulation of Physical Processes.” . Dr. Victor Pereyra, Univ.de Stanford, EE.UU., Weidlinger & Asoc. EE.UU. XI Summer School of Computer Sciences, Department of Computing, National University of Rio Cuarto, Feb 2004.

“ From philosophy to program Size” . Dr. Gregorio Chaitin, IBM Watson Research Center, EE. UU. XI Summer School of Computer Sciences, Department of Computing, National University of Rio Cuarto, Feb 2004.

“Software Testing” . Ing. Claudio Sartori. Consultor en Gestión de la Calidad del Software y Configuration Management. X Summer School of Computer Sciences, Department of Computing, National University of Rio Cuarto, Feb 2003.

“Java Programming”. Dr. Juan Alvarez Rubio (Univ. de Chile). IX Summer School of Computer Sciences, Department of Computing, National University of Rio Cuarto, Feb 2002.

ASSISTANCE TO CONFERENCES

- Summer School of Computer Sciences (RIO): 2002 , 2003, 2004, 2005, 2006 2010 y 2011. Department of Computing, National University of Rio Cuarto .

- Argentine Congress of Computer Sciences (CACIC): 2004

INFORMAL TALKS

- Speaker at the First Conference of Computer Sciences Phd Student of FAMAF, Universidad Nacional de Córdoba, Córdoba, Argentina, December 2010.

PROFILE

I am an enthusiastic and dedicated person with a strong computer science background. I have knowledge in Software Development, object oriented design and formal methods for development and Software verification.

STRENGTHS

- Team work
- Excellent interpersonal, communication and public relation skills.
- Proactive
- Responsibility
- Self learning
- Creative and adaptive to new situations.