

CONTACT INFORMATION	Place of residence: Buenos Aires City, Argentina	Phone: +54-11-48020609 E-mail: castano.rodriigo@gmail.com
EDUCATION	<p>University of Buenos Aires, (UBA), Facultad de Ciencias Exactas y Naturales, FCEyN (Faculty of Exact and Natural Sciences) Buenos Aires, Argentina</p> <p>PhD in Computer Science 2013 – ongoing Formal Aspects of Software Engineering</p> <p>Licenciatura en Ciencias de la Computación (equivalent to Computer Science Bachelor + MSc.), certificate in progress. 2006 – 2012 GPA 9.78 (10.0 scale)</p> <p>Analista Universitario en Computación (equivalent to Computer Science Bachelor), certificate in progress. 2006 – 2010 GPA 9.76 (10.0 scale)</p> <p>High school: Bilingual (Spanish-English) Baccalaureate in Humanities Escuela Normal Superior en Lenguas Vivas <i>J. F. Kennedy</i></p>	
COURSES	<p>Verification Technology, Systems & Applications 2012</p> <p>Applied Functional Programming in Haskell, <i>Utrecht Summer School</i> 2011</p> <p>Spring School in Formal Languages and Applications (SSFLA) 2011</p> <p>Computational Cognitive Neuroscience <i>Escuela de Ciencias Informáticas (ECI), FCEyN – UBA</i> 2009</p> <p>Introduction to Bioinformatics, ECI 2008</p>	
ACADEMIC SCHOLARSHIPS	<p>PhD scholarship Funded by CONICET (National Scientific Council) April 2013 – March 2016</p> <p>“Estímulo” Scholarship (UBA research scholarship/internship) 2011–2012</p> <p>Full Scholarship for Applied Functional Programming in Haskell (Utrecht Summer School 2011) 2011</p> <p>UBA – Universidad Autónoma de Madrid (UAM) Exchange Scholarship ¹ Funded by Santander Bank 2011</p>	
PUBLICATIONS	<p>A Finite State Intersection Approach to Propositional Satisfiability, J. M. Castaño, R. Castaño, <i>Theoretical Computer Science, Volume 450, p. 92–108</i>, 2012. doi:10.1016/j.tcs.2012.04.030</p> <p>Variable and Clause Ordering in an FSA Approach to Propositional Satisfiability, J. M. Castaño, R. Castaño, <i>LNCS, Volume 6807, CIAA 2011 Proceedings, p. 76-87</i>, 2011 doi:10.1007/978-3-642-22256-6_8</p>	

¹Received *Honors* distinction in 3 out of 4 courses I took. Awarded to at most 5% of each courses' students.

POSTERS AND
PAPERS IN
WORKSHOPS AND
NATIONAL
CONFERENCES

On verifying resource contracts using Code Contracts, R. Castaño, J. P. Galeotti, D. Garbervetsky, J. Tapicer, E. Zoppi, *Latin American Workshop on Formal Methods (LAFM) 2013* doi:10.4204/EPTCS.139.1

Propositional satisfiability (SAT) as a language problem, J. M. Castaño, R. Castaño, Workshop Aspectos Teóricos de Ciencias de la Computación, *XVII Congreso Argentino de Ciencias de la Computación*.
<http://sedici.unlp.edu.ar/handle/10915/18569/browse?authority=23384&type=author>

Backbones Generator (Bbgen2), H. Arregui, R. Castaño, L. Lauría, R. Garabato, E. Fernández, M. Villarreal, D. Gutson. *II Congreso Argentino de Bioinformática*, May 11–13, 2011

Generation of a complete repository of protein backbones, R. Castaño, L. Lauría, G. Biset, R. Garabato, D. Gutson, M. Villarreal. *I Congreso Argentino de Bioinformática*, May 12–14, 2010.

OPEN SOURCE
SOFTWARE

C++ developer (Ad honorem) for FuDePAN Jan 2009–Dec 2010
FuDePAN is an officially recognized nonprofit organization devoted to researching and developing solutions to human health problems by means of bioinformatics.

Key achievement: Implementing a lossless compression algorithm customized for the constraints at hand. This allowed us to handle much larger collections of molecular structures in our experiments.

INTERNSHIPS AND
EMPLOYMENT

Software Engineering intern at Google Knowledge team. Ongoing project. January 2014 – April 2014

Teaching Assistant at UBA March – August 2012, April 2013 – ongoing

Software Engineering intern at Google January 2013 – April 2013
Developed, in C++, a new feature related to process management in clusters.

Research Intern at INRIA Nancy (VERIDIS Team) September 2012 – December 2012

Research Intern at UBA October 2011 – September 2012

AWARDS

Microsoft Research PhD Fellowship (Latin America) 2014
<http://research.microsoft.com/en-us/collaboration/global/latam/fellows-latam.aspx>

National Academic Merit Award (Awarded by Grade Average) 2012
Santander Río Bank
http://www.santanderrio.com.ar/merito_academico_2012/ganadores.html

ADDITIONAL
INFORMATION

Research stay at INRIA Nancy September 2013 – December 2013

English proficiency: TOEFL iBT Score 117 out of 120 July 6, 2012

Violinist at Orquesta Estudiantil de Buenos Aires (Buenos Aires' students orchestra), part of the Ministry of Education of Buenos Aires city. 2009-2010

Volunteer in an introductory course to informatics for economically marginalized people. FCEyN – UBA 2009 & 2nd. half of 2010