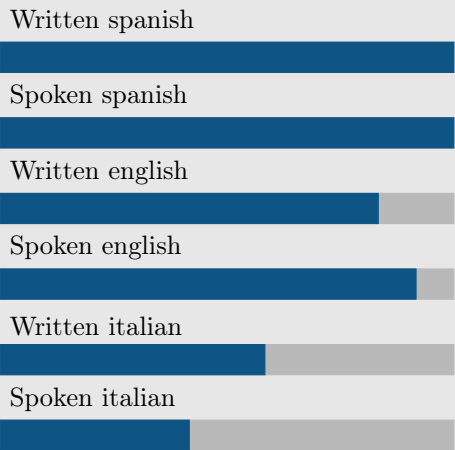# Felipe Gorostiaga

Computer scientist

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About me ———

I am a computer science passionate and an amateur soccer player. I am an outgoing person, and prefer team working over individual working. I enjoy solving complex computer challenges in an elegant and computationally efficient way. Pragmatism with strong theory background is my favourite field.

Language skills ———

Written spanish

Spoken spanish

Written english

Spoken english

Written italian

Spoken italian

Education

2005-2009	High school	Instituto Dante Alighieri de Rosario, Argentina
2010-2016	Licenciatura en Ciencias de la Computación 5 years degree, Bachelor of Science	UNR, Argentina
2017-2018	Máster Universitario en Software y Sistemas 1 year degree, Master's degree	UPM, Spain

Courses

2015	Quantum Finite Automata: A Modern Introduction	UBA, Argentina
	Course taught by Abuzer Yakaryilmaz in the School of Information Science, hosted by the University of Buenos Aires (UBA).	
2015	Computer Science and Privacy	UBA, Argentina
	Course taught by Frédéric Prost in the School of Information Science, hosted by the University of Buenos Aires (UBA).	

Publications

2016	Bachelor's thesis: "Specification and implementation of a certified prototype of Android's permissions system". Advisor: Dr. Carlos Luna. Co-advisor: Dr. Gustavo Betarte.
2017	Formal proceedings of LOPSTR'17: "A certified reference validation mechanism for the permission model of Android". Authors: Gustavo Betarte, Juan Campo, Felipe Gorostiaga and Carlos Luna.
2018	CLEI Electronic Journal: "A formal approach for the verification of the permission-based security model of Android", Authors: Carlos Luna, Gustavo Betarte, Maximiliano Cristia, Camila Sanz, and Felipe Gorostiaga
2018	IEEE ICWS: "A Deployment Tool with Advanced Scheduling and Inter-Service Communication for Multi-Tier Applications", Authors: Pablo Chico de Guzman, César Sánchez, and Felipe Gorostiaga
2018	Master's thesis: "Towards a stream-based monitoring language for asynchronous systems". Advisor: Dr. Lars-Ake Fredlund. Co-advisor: Dr. César Sánchez.
2018	International Conference on Runtime Verification: "Striver: Stream Runtime Verification for Real-Time Event-Streams", Authors: César Sánchez, and Felipe Gorostiaga

Experience

2013-2016	Programmer and software designer	NeuralSoft
	I was employed as part of a team of around 20 people developing a complex and ambitious business management program.	
2016-2017	Technical leader and software architect	NeuralSoft
	As the team grew larger, I was assigned the role of technical leader and software architect.	
Since 2017	Predoctoral researcher	IMDEA Software Institute
	Nowadays, I am a predoctoral researcher in the field of Runtime Verification under the supervision of Dr. César Sánchez. As part of my job, I was involved as a contributor on the ElasTest project, whose goal was to develop a platform to ease the testing of cloud applications.	

Language certificates

2008	Certificate in english language "First Certificate in English (FCE)".
2009	Certificate in italian language "Progetto Lingua Italiana Dante Alighieri (PLIDA)", level B2.