Gonzalo Daniel Garcia

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Academic Interest
Applied Statistical Methods in Social Science, Big Data, Mobility, Gentrification, Demography, Sociology.

Academic Studies

2020 – 2021 | **Universitat Autònoma de Barcelona (UAB)**, Spain. **European Doctoral School of Demography (EDSD).**

2019 – 2020 | **Universitat Autònoma de Barcelona (UAB)**, Spain. **Master degree in Social Policy, Employment and Welfare**. Graduated. Average 9/10 (Estimated GPA: 3.70). Thesis: https://ddd.uab.cat/record/232453

2017 – 2018 | **Facultad Latinoamericana de Ciencias Sociales (FLACSO)**, Argentina. **Specialization Diploma in Social Anthropology**. Graduated. Average 8.44 /10 (Estimated GPA: 3.71)

2005 – 2013 | **Universidad de Buenos Aires (UBA),** Argentina. **Licenciado** degree in **Economics**. Graduated. Average 7.68/10 (Estimated GPA: 3.51)

2005 – 2011 | **Universidad de Buenos Aires (UBA),** Argentina. **Actuary** degree. Abandoned.

Teaching Activity

2011 – 2017 | **School of Economics, Universidad de Buenos Aires (UBA)**. Teaching Assistant in course “Financial Calculus”, in the Economics and Actuary B.A.

2009 – 2011 | **School of Economics, Universidad de Buenos Aires (UBA)**. Teaching Assistant in course “Mathematical Analysis I”, in the Economics and Actuary B.A.

Articles
Thomasz, E.O. & Garcia, G. (2012), “Adaptive Model with Heterogeneous Agents”. *Journal of Research in Financial Models*, 1(1), 123-132. ISSN 2250-6861. Buenos Aires, Argentina.

Casparri, M.T. & Garcia, G. (2012), “Decision-making in non-efficient markets: consequences of information asymmetries”. *Journal of Research in Financial Models*, 1(2), 11-20. ISSN 2250-687X. Buenos Aires, Argentina.

Garnica Hervas, J.R., Garcia, G. & Maurette, M. (2012), “Model of information transmission in a financial market”. *Journal of Research in Financial Models*, 1(2), 21-32. ISSN 2250-687X. Buenos Aires, Argentina.

Articles in Books
Casparri, MT. & Garcia, G.D. (2011), “Monte Carlo Simulation in C++ to manage risks”, in *Risk Management Topics*. November 2011. ISBN: 978-950-29-1300-1. FCE-UBA: Buenos Aires.

Conference Papers and Participations
2011- “*Valuation of Catastrophe Bonds by Monte Carlo Simulation*”. XXIV National Conference of Mathematics’ Teachers of Economy Faculties. University of Misiones. Argentina

2011- “*Some Statistical Aspects of Natural Disasters*”. V National Seminar on Research in Financial Models. University of Buenos Aires. Argentina

2011- “*Simulation of Natural Catastrophes. Actuarial Applications*”. XI National Actuarial Congress. University of Buenos Aires. Argentina

2010- “*An Introduction to Catastrophe Bonds*”. X National Actuarial Congress. University of Buenos Aires. Argentina

Research Teams

2010 – 2012 | Member of the team CMA (School of Economics, UBA) on project: “Evaluation of Economic and Financial Risks of Climate Change in Argentina ”. Funded by Universidad de Buenos Aires. I was responsible of analyzing data and making computational simulations.

Non Academic Working Experience

2019 | **Zurich Santander Insurances**. Argentina. **Lead Data Scientist**: Team building, infrastructure support. Client clustering, survey desing and analysis, A/B testing , fraud prediction model, NLP model for correct claim tagging.

2018 – 2019 | **OLX**. Argentina. **Analytics**: User behavior research, survey desing and analysis, A/B testing, user clustering, market research.

2016 – 2018 | **Hipotecario Insurances**. Argentina. **Data Scientist**. Survey desing and analysis, A/B testing , LVT model, churn model, prediction model for retention at contact center, client clustering, team building.

2015 – 2016 | **Santander Bank**. Argentina. **Risk Methodology Sr. Analyst**: Credit Score model development.

2013 – 2015 | **OrionTech SA**. Argentina. **Statistics Consultant**: Development of sales forecasting models and leakage detection by statistical reconciliation.

2012 – 2013 | **SAS Institute**. Argentina. **Statistics Consultant**: Development of Econometric models for Banks and Retailers.

2010 – 2012 | **School of Economics, Universidad de Buenos Aires**. **Research Scholarship holder**: research on Catastrophe Bonds, design and management of research projects.

2009 – 2010 | **Liberty Insurances SA**. Argentina. **Actuarial Analyst**: IBNR reserve calculus, scenario simulation via Monte Carlo.

Languages

Spanish. Native Tongue
English. IELTS C1 (7.5 overall)
Italian. Intermediate level
Portuguese. Intermediate level

Other Aptitudes

Statistical packages and Data Science skills: R, Python, SQL, SPSS, STATA and Microsoft Excel.

Non-academic interests: Chess, Photography, Cooking, Reading (Sci-Fi)