

Personal information

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General description

I am a social anthropologist (BSc + MSc) finishing a PhD in computer science working on Bayesian inference and cultural evolution. The PhD was originally oriented towards the study of cultural evolution in online games, but ended up acquiring a deeply Bayesian approach. In one of the top scientific institutes of Latin America, I have opened the main line of research in social sciences and Bayesian inference.

Education

2016 / 06 – 2022 / 06 PhD candidate in **Computer Science**, Buenos Aires University
2012 / 08 – 2015 / 12 Licentiate in Computer Science, Buenos Aires University (Suspended after promotion to PhD)
2005 / 03 – 2012 / 05 Licentiate (BSc + MSc) in **Anthropological Sciences**, sociocultural orientation, Buenos Aires University. Thesis: *Relational decision making. Models in Social Science*.

Articles

Preprint Github
[Download](#) Landfried G. *The multiplicative nature of evolutionary and probabilistic selection processes as the general driver for emergence of cooperation and specialization*. Github. 2022.

In review at JSS
[Download](#) Landfried G., Mocskos E. *TrueSkill Through Time: reliable initial skill estimates and historical comparability in Julia, Python and R*. In review at JSS. Github 2021.

Article PLoS one
Landfried, G., Fernandez Slezak, D., Mocskos, E.: *Faithfulness-boost effect: Loyal teammate selection correlates with skill acquisition improvement in online games*. PLoS one. 2019.

Bayesian software

Julia github.com/glandfried/TrueSkillThroughTime.jl
Python github.com/glandfried/TrueSkillThroughTime.py
R github.com/glandfried/TrueSkillThroughTime.R

Working papers

Article Landfried G, Cairo G, Mocskos E. *The effect of the network on learning: a longitudinal study on the evolution of an online Go game community*. Completed work. 2022.

Article Landfried G., Carreira Munich T., Amigo M., Mazzanti M, Mocskos E., Laplagne S. *The ranking system of the Argentine Go Association*. Completed work. 2022.

Teaching

2021 / 03 – In progress *Bayesian Inference Seminar*
Coordinator of the open seminar on Bayesian inference. Faculty of Exact and Natural Sciences, University of Buenos Aires.

2019 / 08 – In progress	<i>One-on-one mentoring</i> Director of master's thesis in the department of physics, computer science, and anthropological sciences. Mentor of undergraduate research internships. Buenos Aires University.
2019 / 02 – 2019 / 08	<i>Algorithms and data structures I (with C++)</i> Department of Computer Science, Buenos Aires University. link
2019 / 02 – 2019 / 08	<i>Computer Programming Workshop of the Faculty of Sciences (with Python)</i> Department of Computer Science, Buenos Aires University. link
2018 / 08 – 2019 / 02	<i>Computer Science for Empirical Scientists (with Python)</i> Department of Computer Science, Buenos Aires University. link
2018 / 08 – 2018 / 12	<i>Computational Social Science (with R)</i> Departments of Anthropological Sciences and Computer Science, Buenos Aires University. link
2016 / 02 – 2017 / 08	<i>Algebra (with Haskell)</i> Department of Computer Science, Buenos Aires University. link
2010 / 02 – 2010 / 07	<i>Artificial Societies and Ethnography (with Netlogo)</i> Department of Anthropological Sciences, Buenos Aires University. link
Work experience	
2016 / 06 – 2022 / 04	<i>Doctoral Fellowship</i> – National Council for Scientific and Technical Research (CONICET). Area: Artificial Intelligence Lab (LIAA) and High Performance Computing Lab (LICAR).
2015 / 07 – 2016 / 03	<i>Database administrator (with SQL)</i> – Social Analysis Program for Latin American Citizenship Area: Coordinating Public Opinion Area (social scientists) and Informatic Area (technicians).
2014 / 01 – 2016 / 03	<i>Internship</i> – Complex Systems Laboratory, Department of Computer Science. Area: Methods for massive social data analysis.
2012 / 08 – 2013 / 05	<i>Public policies</i> – Civil Association “Collective Construction” Area: Ethnographic field work at Labor Cooperatives of the National Plan “Argentina Trabaja”.
2008 / 08 – 2013 / 06	<i>Junior researcher</i> – Antropocaos, Department of Anthropological Sciences Area: Agent based model and ethnography
Scientific events	
Talk	<i>La función de costo epistémico-evolutiva</i> . Seminario del Laboratorio de Inteligencia Artificial Aplicada. Universidad de Buenos Aires, Argentina. 2022
→ Poster	<i>Bayesian inference: learning and evolution</i> . Computer Science Research Day. Instituto de Ciencias de la Computación. Universidad de Buenos Aires, Argentina. 2022
Talk	<i>La ventaja de la cooperación para los sistemas vivos</i> . La Semana de Acción para el Empoderamiento Climático. Ministerio de ambiente y desarrollo sostenible. Argentina. 2021
Tutorial	<i>Técnicas para calcular distribuciones de creencias honestas</i> . Taller Argentino de Ciencias de la Computación, TACC. Universidad Nacional de San Luis, Argentina. 2019
Poster	<i>Using computers to understand how people behave</i> . 3rd Annual Workshop Early-career Social Learning Researchers, ESLR . Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany. 2019
Poster	<i>Faithfulness-boost effect: Skill acquisition improved by grouping strategies</i> . Machine Learning Summer School, MLSS . Torcuato Di Tella University, Argentina. 2018
Community	Github team: Bayes de las Provincias Unidas del Sur https://github.com/BayesDeLasProvinciasUnidasDelSur