

Pablo León Villagrà

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3.48 Informatics Forum
10 Crichton Street
Edinburgh, EH8 9AB
United Kingdom

Education

2015–today	Ph.D. University of Edinburgh Thesis Title: Causal Inference and Generalization in Humans and Machines Supervisors: Prof. Dr. Christopher Lucas, Prof. Dr. Subramanian Ramamoorthy
2012–2015	MSc. Cognitive Science, University of Osnabrück Thesis Title: Causal Reasoning and the Markov Assumption in a Physical Microworld Thesis Grade: 1.0 (A), Overall Grade: 1.0 (Distinction) Supervisors: Prof. Dr. Frank Jäkel, Prof. Dr. David Lagnado
2010–2011	New Bulgarian University Semester abroad
2008–2013	BSc. Cognitive Science, University of Osnabrück Thesis Title: Categorization in Chess Thesis Grade: 1.0 (A), Overall Grade: 1.2 (Distinction) Supervisor: Prof. Dr. Frank Jäkel
2007	High School Graduation, Otto-Hahn Gymnasium Springe

Academic & Research Experience

- 2017 | **TA, Tutor & Marker for Introduction to Cognitive Science, University of Edinburgh, UK**
Developing material for the lecture (exercises, labs and assignments) in Python. Tutoring of undergraduates for an introductory course to Cognitive Science.
- 2016 | **Marker for Introduction to Cognitive Science, University of Edinburgh, UK**
Marking of assignments in an introduction course for undergraduates in informatics. The exercises consisted in critically evaluating common models in Cognitive Science, as well as implementing small models in Matlab.
- 2014 | **Research Assistant in the Cognitive Modeling Group, University of Osnabrück, Germany**
Developing, programming, running and analysing human categorization experiments.
- 2014 | **Tutor for Multivariate Statistics, University of Osnabrück, Germany**
Tutoring of psychology master students in multivariate statistics. Supervision of theoretical and SPSS exercises.
- 2014 | **Research Internship at the Causal Cognition Lab, University College London, UK**
Three month visit during which I developed experimental designs and researched causal cognition.
- 2013 | **Tutor for Multivariate Statistics, University of Osnabrück, Germany**

Publications

- Pablo León-Villagr a and Frank J akel. "Categorization and Abstract Similarity in Chess". In: *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (2013).
- Pablo Le on-Villagr a and Christopher G Lucas. *Human-like Function Learning and Transfer*. 2016.
- Alexander G de G Matthews et al. "GPflow: A Gaussian process library using TensorFlow". In: *arXiv preprint arXiv:1610.08733* (2016).

Presentations

- 2017 | **Invited Talk: Osnabr uck, Germany**
Title: Human-like Function Learning and Transfer
Colloquium of the Institute of Cognitive Science
- 2016 | **Poster Presentation: Windsor, UK**
Title: Human-like Function Learning and Transfer
Workshop: Human-Like Computing Machine Intelligence Workshop
- 2015 | **Invited Talk: Kunsthaus Muerz, Austria**
Title: Kausales Denken - Bayesianische Modelle im Dialog mit der Wiener'schen Denkpsychologie
Symposium: Oswald Wiener: Selbstbeobachtung - Denkpsychologie
- 2015 | **Poster Presentation: M ohnesee-G unne, Germany**
Title: Categorization in Chess
Interdisciplinary College, M ohnesee-G unne

Scholarships

2015–2018	Ph.D. Scholarship School of Informatics, Institute for Language, Cognition and Computation
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Software

	Actionscript, Box2D, TEX, MATLAB, Python, Scala, SPSS, JavaScript
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Languages

German	Mother tongue
Spanish	Mother tongue
English	Fluent