TIAGO CABAÇO

💻 PROFESSIONAL EXPERIENCE

Doctoral Research Fellow
Humboldt-University 📍 Berlin
Today | 2016
- Work with a large data set (> 4.000.000 data points) and developed techniques for data pre-processing and quality assessment using R.
- Build computational models of decision making using probabilistic programming language Stan.
- Developed extensive experience with hierarchical Bayesian regression techniques with a focus on scalable solutions.
- Strong use of visualizations using R to communicate insights and assess statistical model performance.

Research Trainee
Psychological methods group 📍 University of Amsterdam, NL
2015 | 2016
- Created, maintained and fact-checked an archival data base with historical events from the Psychometric Society.
- Used R to develop and deploy animated network visualizations of sequences of events.
- My work resulted in a publication and in a positive traineeship evaluation.

Telemarketer
Yourvoice Contact Solutions lda 📍 Lisbon, Portugal
2015 | 2014
- Acquired a goal-orientation attitude and skills needed to work in a fast-paced and high pressure role, as demonstrated by being in the 'Top 5' employees for successive months.

Psychologist, intern
Center for Family and Parental Support 📍 Barreiro, Portugal
2014 | 2013
- Developed inter-disciplinary team work and project management skills by conducting youth group interventions, organizing community events and family counseling activities.

Research Consultant
Freelance 📍 Lisbon, Portugal
2014 | 2012
- Consulted several research projects by supporting data analysis projects, and by conducting and translating structured interviews.

Librarian
Library of Psychology, University of Lisbon 📍 Lisbon, Portugal
2013 | 2012
- Learned excellent communication and organizational skills, by being responsible for costumer care and for organizing the reading space and storage repositories.

Research Assistant
Cognitive psychology lab 📍 University of Lisbon, Portugal
2012 | 2011
- Assisted ongoing research projects by doing data collection and literature review, resulting in an authored publication and development of project management skills.

CONTACT INFO

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- 📞 +49 176 439 822 51

SKILLS

Statistical analysis
Bayesian inference
Probabilistic programming
Data cleaning and pre-processing
Data visualization
Teaching
Public speaking

PROGRAMMING LANGUAGES

Highly skilled in R, Stan and LaTeX

Skilled in Bash

Familiar with Python and C++

TOOLS

git
R markdown reports

LANGUAGES

English (Fluent)
Portuguese (Native)
German (A1)

Research Fellow

2011 | 2010

Grant by Amadeu Dias Foundation   📍 Lisbon, Portugal

· Responsible for data collection, lab management and reporting. The project received the Foundation's award for best social sciences project.

🎓 EDUCATION

Today | 2016

PhD in Computational Psychology

Humboldt-University   📍 Berlin

· Grant by the International Max Planck Research School on the Life Course.

2014

Erasmus Intensive Program in Mathematical Psychology

University of Tartu   📍 Sagadi, Estonia

2015 | 2012

Masters in Clinical Psychology

University of Lisbon   📍 Lisbon, Portugal

For my thesis I developed and deployed an online survey, and self-learned R to implement a non-standard statistical model. All of which resulted in receiving the highest grade possible.

2011 | 2009

BA in Psychological Sciences

University of Lisbon   📍 Lisbon, Portugal

📄 PUBLICATIONS

· Wijsen, L. D., Borsboom, D., **Cabaço, T.**, & Heiser, W. J. (2019). *An Academic Genealogy of Psychometric Society Presidents*. *Psychometrika*, *84*(2), 562-588.

· Almeida, J., Mahon, B. Z., Zapater-Raberov, V., Dziuba, A., **Cabaço, T.**, Marques, J. F., & Caramazza, A. (2014). Grasping with the eyes: *The role of elongation in visual recognition of manipulable objects. Cognitive, Affective, & Behavioral Neuroscience*, *14*(1), 319-335.