TIAGO CABAÇO

🖥 PROFESSIONAL EXPERIENCE

Doctoral Research Fellow
Today | 2016

Humboldt-University 📍 Berlin
- Worked with large data sets (> 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
2015 | 2016

Psychological methods group 📍 University of Amsterdam, NL
- 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
2015 | 2014

Yourvoice Contact Solutions lda 📍 Lisbon, Portugal
- 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
2014 | 2013

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

Research Consultant
2014 | 2012

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

Librarian
2013 | 2012

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

Research Assistant
2012 | 2011

Cognitive psychology lab 📍 University of Lisbon, Portugal
- 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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⭕ github.com/tijoalca

📞 +49 176 439 822 51

For more information, please contact me via email.

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

Last updated on 2020-01-24.

2011
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2010

Research Fellow
Grant by Amadeu Dias Foundation 　　　　　 📍 Lisbon, Portugal
· I was responsible for data collection, lab management and reporting. The project received the Foundation's award for best social sciences project.

🎓 EDUCATION

Today
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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
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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
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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.