TIAGO CABAÇO

🖳 PROFESSIONAL EXPERIENCE

Doctoral Research Fellow
Today | 2016
Humboldt-University   📍 Berlin
- 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
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, resulting in a publication.
- Used R to develop and deploy animated network visualizations of sequences of historical events.

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.

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.

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 (A2)

🎓 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 with distinction.

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.

👆 CIVIC PARTICIPATION

2018
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2017
- **Student representation**
  Graduate students representative   📍 Berlin
  · Agilized the communication between admnistration and students.

2014
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2013
- **Elder Care**
  Elderly Care Home   📍 Lisbon, Portugal
  Supported physiotherapy sessions with the elderly.

2013
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2009
- **Student representation**
  Pedagogical Counsel   📍 Faculty of Psychology, University of Lisbon
  · As student body representative, I made the bridge between the students and faculty.
  · I was responsible for scheduling the exams for all courses and represented the faculty in an external evaluation process.

2010
- **Disaster Relief**
  Faculty of Psychology   📍 University of Lisbon, Portugal
  · Organized a Goods Collection Campaign to support Madeira's population, when it was affected by disaster floods in February 2010.

2009
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2006
- **Drug Addiction and Homelessness**
  Teen Challenge   📍 Lisbon, Portugal
  · Volunteered at the food and syringes delivery team. Organized and conducted community activities for children and elderly people in a disadvantaged neighborhood.