Thiago Bell

+55 (51) 99833 5025
th (at) bell.pt

Education

2013-2017 **Bachelor's Degree**, *Federal University of Rio Grande do Sul*, Porto Alegre.

- Ranked 3rd in graduating class of 23 with final average grade of 8.39 (certificate provided)
- Bachelor thesis named Applying Bandit Algorithms to the Route Choice Problem evaluated the performance of Multi-Armed Bandit reinforcement learning algorithms when applied to a traffic assignment problem
- Admitted to University through college entrance exam ranking first among computer science candidates (mentioned on transcript of records)

2015–2016 **Exchange year**, *Technical University Munich*, Munich.
Exchange student through the Erasmus program

02/10–12/12 **Secondary Education**, *Colégio Leonardo da Vinci - alfa* , Porto Alegre, Brazil.

Other Activities

08/17–11/17 **Research Activity**, *Continuing research on the topic of bachelor's thesis resulting in the submission of a conference paper (pending acceptance).*

08/13–7/15 **Student Research Assistant**, *under supervision of Dr. Ana L. C. Bazzan*, Federal University Of Rio Grande do Sul.
Resulted in the publications included in the Publications section of this document. Working on:

- social choice methods applied to distributed machine learning;
- traffic information extraction from tweet-like texts;
- multi-agent reinforcement learning and genetic algorithms applied to the traffic assignment problem.

Languages

Portuguese **Native**
English **Fluent** *Grade A in the Cambridge English: Proficiency (CPE) exam attesting C2 level*
German **Basic**

Interests

networks and distributed systems
artificial intelligence
machine learning
parallel programming

Publications

Jorge L. Aching., Thiago B. F. de Oliveira, and Ana L. C. Bazzan. Traffic information extraction from a blogging platform using a bootstrapped named entity recognition approach. In *Computational Intelligence in Vehicles and Transportation Systems (CIVTS), 2014 IEEE Symposium on*, pages 6–13, Orlando, 2014. IEEE.

Thiago B. F. Oliveira, Bruno C. da Silva, Stefanello F., Arthur Zachow, and Ana L. C. Bazzan. Extending a coupling metric for characterization of traffic networks: an application to the route choice problem. In *Proc. of the 11th Workshop-School on Agents, Enviroments, and Applications (WESAAC 2017)*, São Paulo, May 2017.

Alejandro Ruiz-Padillo, Thiago BF de Oliveira, Matheus Alves, Ana LC Bazzan, and Diego P Ruiz. Social choice functions: A tool for ranking variables involved in action plans against road noise. *Journal of environmental management*, 178:1–10, 2016.

References

Dr. Ana L. C. Bazzan, *Professor of Computer Science*, Federal University of Rio Grande do Sul.
bazzan@inf.ufrgs.br