

Thiago Bell

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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	<i>Grade A in the Cambridge Proficiency English exam (C2 level)</i>
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.
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