TIAGO ALMEIDA

PERSONAL INFO

Birthday	06 - Ago - 1996
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CONTACTS

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GitHub	https://github.com/T-Almeida
Web Site	https://t-almeida.github.io/online-cv

INTERESTS

At an academic and tecnological level:

- In the area of Deep Learning. Right now, I am more focused on IR, QA, NLU and NLG fields, where my personal goad is tobe able to develop a system capable of generating a human response conditioned on previously retrieved information.
- In the architecture and inner workings of distributed systems.

At a personal level:

- Football.
- Formula 1.

EDUCATION

set 17–jul 19 **MSc in Informatics Engineering**

- Aveiro University

set 14–jun 17 **BSc in Informatics Engineering**

- Aveiro University

EXPERIENCES

set 19– **Research grant**

- IEETA - Bioinformatics

abr 18–abr 19 **Research integration grant**

- IEETA - Bioinformatics

SKILLS

- Strong knowledge of following programming languages: Python, Java, C e JavaScript
  - Some experience with: C#, C++, Bash, Dart.
- Artificial Intelligence, Machine learning, **Deep learning**
  - Advanced knowledge in the neural information retrieval field.
- Advanced Algorithms
- Data visualization
- System architectures
- Soft skills
  - Problem solving
  - Teamwork
  - Cognitive flexibility
  - Communication

AWARDS

- **"Prémio BPI"** - Awarded by the Aveiro University to the best graduate student of a bachelor or integrated master's degree in engineering that is not awarded with specific prize.
- Best student of BSc in Informatics Engineering - Awarded by NEI (Núcleo de Estudantes de Informática).

PROJECTS/REPOSITORIES

BioASQ - Adaptation of the DeepRank model with attention layers for the BioASQ 7b document retrieval task. It also supports an unserpevised way of snippet extraction.
Available: https://github.com/bioinformatics-ua/BioASQ

Multidimensional Rnn - Open source library that implements multidimensional recurrent neural networks in tensorflow and exposes using Keras API. Available:https://github.com/T-Almeida/tensorflow-keras-multidimensional-rnn

PUBLICATIONS

[Under Review] Almeida, T., & Matos, S. (2020). Calling attention to passages for biomedical question answering. 42nd European Conference on Information Retrieval.

Almeida, T., & Matos, S. (2019). Neural-based snippet extraction for biomedical question answering. 25th Portuguese Conference on Pattern Recognition, 79–80. Retrieved from http://recpad2019.dcc.fc.up.pt/wp-content/uploads/2019/05/ProceedingsRECPAD.pdf#page=79

Gusmão, P., Almeida, T., Lopes, F., Muryn, Y., Martins, J., & Au-Yong-Oliveira, M. (2019). Microtransactions in the Company's and the Player's Perspective: A Manual and Automatic Analysis. In New Knowledge in Information Systems and Technologies. WorldCIST'19 2019 (pp.440–451). https://doi.org/10.1007/978-3-030-16187-3_43