Carlos E. R. K. Lassance

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Education

PHD on Informatics, *IMT Atlantique*, Brest.   **2017–2020**
Theme: Intricate Learning and Storing in Deep Neural Networks

MSc Informatics, *Télécom-Bretagne*, Brest.   **2014–2015**
Track: Mobile and Communicating Object-Based Systems

BSc Computer engineering,   **2010–2017**
Pontifícia Universidade Católica (PUC), Rio de Janeiro
Télécom-Bretagne, Brest.

Experience

Internship, *Learn* , PUC-Rio.   **2017**
Software development (Python)

R&D Engineer, *Neucod team at Télécom Bretagne*.   **09/2015-2016**
Research in neural networks

Internship, *CIDRE team at CentraleSupélec/Inria*.   **03–09/2015**
Subject: Distance-bounding protocols on smartphones.

Teaching assistant, *PUC-Rio*.   **2012–2013 / 2016–2017**
Databases teaching assistant at PUC-RIO.

Languages

Native: Portuguese
Fluent: English,French

Technical skills

SQL, Python,Git,Pytorch, Keras, Tensorflow, Artificial Intelligence

Publications

Marques, M., Boukli, Ghouthi,Rosar Kos Lassance, C., Horrein, P. . *Large-Scale Memory of Sequences Using Binary Sparse Neural Networks on GPU.* High Performance Computing & Simulation (HPCS) 2017

Tigreat, P., Rosar Kos Lassance, C., Jiang, X., Gripon, V., Berrou, C. . *Assembly output codes for learning neural networks.* 9th International Symposium on Turbo Codes and Iterative Information Processing

Gambs, S., Rosar Kos Lassance, C., Onete, C. . *The Not-so-distant Future: Distance-Bounding Protocols on Smartphones.* 14th Smart Card Research and Advanced Application Conference

Interests

Informatics: Artificial inteligence, neural networks and software engineering
Leisure: Video-Games, Football, basket-ball