

Carlos E. R. K. Lassance



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Education

MSc Informatics , <i>Télécom-Bretagne</i> , Brest.	2017–2020
Track: Mobile and Communicating Object-Based Systems	
MSc Informatics , <i>Télécom-Bretagne</i> , Brest.	2014–2015
Track: Mobile and Communicating Object-Based Systems	
BSc Computer engineering , <i>Pontificia Universidade Católica (PUC)</i> , Rio de Janeiro <i>Télécom-Bretagne</i> , Brest.	2010–2017
Double-degree program between Télécom Bretagne and PUC-rio	

Experience

Internship , <i>Learn</i> , PUC-Rio. Software development (Python)	2017
R&D Engineer , <i>Neucod team at Télécom Bretagne</i> . Research in neural networks	09/2015–2016
Internship , <i>CIDRE team at CentraleSupélec/Inria</i> . Subject: Distance-bounding protocols on smartphones.	03–09/2015
Internship , <i>Labbio/BioBD</i> <i>Bio-informatics research lab at PUC-Rio</i> . Software and website development (Java and PHP) and server maintenance.	2011–2013
Teaching assistant , <i>PUC-Rio</i> . Databases teaching assistant at PUC-RIO.	2012–2013 / 2016–2017

Languages

Native: Português
Fluent: English, Français

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