

# Carlos E. R. K. Lassance



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## Education

**MSc Informatics**, *Télécom-Bretagne*, Brest. 2014–2015

Track: Mobile and Communicating Object-Based Systems

**BSc Computer engineering**, 2010–2016

*Pontificia Universidade Católica (PUC), Rio de Janeiro*  
*Télécom-Bretagne, Brest.*

Double-degree program between Télécom Bretagne and PUC-rio

## 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.

**Internship**, *Labbio/BioBD* 2011–2013

*Bio-informatics research lab at PUC-Rio.*

Software and website development (Java and PHP) and server maintenance.

**Teaching assistant**, *PUC-Rio*. 2012–2013 / 2016–2017

Databases teaching assistant at PUC-RIO.

## Languages

**Portuguese**: Native

**English**: Fluent

**French**: Fluent

## Technical skills

**Good knowledge**: Java, SQL, Python, PHP, Git

**Standard knowledge**: CUDA, C++, neural networks, machine learning

## Publications

**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 intelligence, neural networks and software engineering