

Eduardo Conde-Sousa

Contacts

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Links

<https://econdesousa.github.io>

<https://twitter.com/econdesousa>

Skills

Matlab 

Python 

R 

Linux Shell Scripting 

Team Player 

Hobbies

Soccer goalkeeper

Gardening

Short Biography

- **Mathematical** modelling, simulation and data analysis.
- **Machine Learning** (and **Deep Learning**) applications to biological and medical (image) data.
- **Interdisciplinary** mind-set and strong **team player**.
- Married, father of two.
- Extended CV: <https://econdesousa.github.io/assets/CurriculumVitaeECS.pdf>

Professional Experience

Bioimage Analyst

04/2018 – Present Institute for Research & Innovation in Health (i3S),
University of Porto

Extract numerical data from biological images to solve problems such as segmentation and quantification of cellular structures or prediction of molecular biomarkers and disease status from whole slide images.

Bioinformatics

02/2016 – 03/2018 Centre of Molecular and Environmental Biology (CBMA),
University of Minho

12/2014 – 10/2015 Research Centre in Biodiversity and Genetic Resources
(CIBIO-inBIO), University of Porto

Development of mathematical models and computational tools for genomic datamining, sequence alignment, gene coalescence simulations, database auditing, or modelling mutational events.

Education & Training

PhD in Applied Mathematics

2009 – 2014 Faculty of Sciences of University of Porto

Development of mathematical and computational models to describe short-term information storage in biological neural networks.