



Cátia Fortunato



[catiasnfortunato](#)



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[catiafortunato](#)

Summary

Problem solver, engineering enthusiast, volunteer at IEEE. Currently studying at Instituto Superior Técnico, MSc in Biomedical Engineering.

Education

Instituto Superior Técnico
MSc Biomedical Engineering
September 2014 - Present



Skills

Python
Matlab
TensorFlow
Keras
Java

Git
Event planning
Video Editing
Web Designing

Languages

Portuguese
English

Employment history

Champalimaud Foundation [learn more](#)
Master Thesis Student

December 2018 - Present

Create model for next frame prediction in video recordings of the brain from Zebrafish, this work requires a deep understanding of the neuroanatomy of Zebrafish and the frameworks used in the implementation are Tensorflow and Keras.



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PiRQuadrado [learn more](#)

Tutor

March 2018-Present

Teach undergraduate students about the basis of probability and statistics.



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Visiting Student - Research

July 2018 - September 2018

In this internship, I am working in image segmentation applied to animals to add to the existing fish tracker of the laboratory. This internship included a deep comprehension of deep learning and implementation of algorithms using python, tensorflow and keras.



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IEEE-IST Student Branch [learn more](#)

Secretary /treasurer

July 2017 - July 2018

As a treasurer, my job was to keep track of all the expenses related to our student group. As a secretary, I was responsible for dealing with all subjects that included getting in contact with other entities.



IEEE

IEEE-IST
Student Branch

IEEE-IST EMBS Student Chapter [learn more](#)

Vice Chair

May 2016 - June 2017

This Student Chapter was the first created in Portugal and we were able to increase the number of activities related to biomedical engineering at our university, such as seminars, internships, and debates.



IEEE

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