

Pedro Ferreira da Costa

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Education and Qualifications



April 2019 – April 2022

IoPPN, King's College London
CBCD, Birkbeck College,
University of London

PhD in Computational Neuroscience

Cognitive modelling using neural
networks for personalized treatments



February 2018 – September 2018

C3NL, Imperial College London

Master Thesis in Computational Neuroscience

Application of Artificial Neural
Networks for modeling cognitive
dimensions.



September 2016 – June 2018

Instituto Superior Técnico, Universidade
de Lisboa

MSc in Biomedical Engineering

Focus on Clinical Engineering
Awarded Board of Honor 16/17

January 2016 – June 2016

Reitoria da Universidade Nova de
Lisboa

Starters Academy powered by NOS

Course on Creating and Managing
Entrepreneurial Ventures

September 2012 – June 2015

Faculdade de Ciências e Tecnologia da
Universidade Nova de Lisboa

BSc in Biomedical Engineering

Work Experience



King's College London, IoPPN

Research Assistant – October 2018 to March 2019

- Using Unity game engine and C# coding language, developed an application which consisted on a battery of tasks aimed at autistic children from 3 to 6 years old. The objective was to test them across the 6 cognitive dimensions.

Internships and Volunteering Work



HeartGenetics

Data Scientist – Summer Internship – July 2017 to August 2017

- Was able to put to practice skills in Machine Learning, Statistics and R coding Language by studying correlations of imputed variants with real demographic data.



ZIMMER-BIOMET INC., Portugal

Observational Internship – July 2015

- Got to understand the dynamic of the orthopedic company Biomet, gained commercial awareness and was able to follow the product from the warehouse until the patient's body.



CHAMPALIMAUD FOUNDATION

Assistant to PhD Project (Curricular Internship) – January and February 2015

- Developed 6 setups to be used in two PhD projects in the Neuroscience Department.
- Gained skills in time management, autonomy and work experience.
- Put into practice theoretical knowledge in electronics, programming and mechanics.



AIESEC AHMEDABAD, INDIA

Project M.A.G.I.C. (International Volunteering) – July and August 2014

- Give cultural and practical support to 5 ONG's, whose goals were to fight Indian poverty and help the minorities.
- Gained a Multi-cultural perspective, as the working group consisted of 30 people from 10 different countries from all around the world.



NÚCLEO DE BIOMÉDICA DA NOVA (NBN)

Image and Communication Department – September 2013 to February 2015

Vice-President – February 2015 to February 2016

NBN's purpose is to give Biomedical Engineering students the tools to succeed in the University and later on in the labor market and bring closer together the academy and the industry.

- Managed a team of 13 driven people, to prepare various events of lectures, workshops and the ENEEB XI (National Meeting of Biomedical Engineering Students).

Key Achievements

- **In 2013 created a University Hockey Team**, assembled the players, organized practices and led the Team to a 1st place in the CNU (National Academic Championship) in 2014. **In 2016 created a University Floorball Team**, was selected to the World University Championship and was elected the national team's captain by my peers.
- **From 2013 to 2015 organized several Hockey Tournaments in Parede F.C. and coordinated 2 Expo FCT**, events that receive above 7000 people and require intense and thorough planning.

Skills

Programming Languages

Python	●●●●○
C++	●●●●○
C#	●●●●○
MATLAB	●●●●○
R	●●●○○
SQL	●●○○○

Spoken Languages

Portuguese	●●●●●
English	●●●●●
Spanish	●●●●●
German	●●○○○
French	●●○○○

- Full and clean Driving License (B1);
- Excellent time management, team work and conflict-solving skills, developed during my experience playing hockey for 14 years, which often involved solving intra-team problems while team-captain.

Interests and Hobbies

Passionate about sports, especially hockey. Being an avid traveler, compulsive reader, I try to find the most representative book from every new place I visit as way to get acquainted to a new culture.