

# Pedro Jorge

Mathematician

Math and deep learning are amazing



pmrjge@gmail.com

+351968493446

Leiria, Portugal

[www.datacamp.com/profile/pmrjge](http://www.datacamp.com/profile/pmrjge)

[linkedin.com/in/prjrg](https://linkedin.com/in/prjrg)

pmrjge@gmail.com

[github.com/prjrg](https://github.com/prjrg)

## SKILLS

- Deep Learning
- Deep Reinforcement Learning
- Statistics
- PyTorch 1.x
- PyTorch-Lightning
- Keras
- NLTK
- Scikit-learn
- XGBoost
- Numpy
- Jupyter
- Pandas
- Matplotlib
- SciPy
- OpenCV
- Detectron2
- MMDetection
- Tensorflow 2.x
- MySQL
- PostgreSQL
- ReactJS
- LaTex
- Git
- Spring Boot
- Ubuntu
- Debian

## WORK EXPERIENCE

### Technical Researcher

Void Software

06/2020 - 10/2020

Leiria

*Tasks*

- Used Machine Learning applied to industry.
- Coded JavaFX and Spring applications.

### Researcher

Institute of Systems and Robotics

01/2015 - 07/2015

Coimbra

University of Coimbra

*Tasks*

- Calibrated cameras using optimization methods (Least Squares).
- Implemented stereo image capturing with the purpose of determining Pixel-wise depth.
- Tools: Matlab, C.

### Researcher

Department of Mathematics

12/2013 - 10/2014

Coimbra

University of Coimbra

*Tasks*

- Researched of algorithms for indoor localization using the WIFI network.
- Used as support for the Master Thesis.
- Tools: Java, Android, Java awt, ImageMagick.

## EDUCATION

### Masters

Department of Mathematics from the University of Coimbra

2012 - 2014

Coimbra

*Course - Grade*

- Mathematics - 15/20

# EDUCATION

## Bachelors

Department of Mathematics from the University of Coimbra

2009 - 2012

Course - Grade

- Mathematics - 16/20

Coimbra

## COURSES

Computer Vision Nanodegree (08/2020 - 10/2020) 

Udacity

Parallel Programming in Java (08/2018 - 08/2018) 

Coursera

Convolutional Neural Networks (03/2018 - 03/2018)



Coursera

Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization

(08/2017 - 08/2017) 

Coursera

Functional Programming Principles in Scala

(05/2017 - 05/2017) 

Coursera

Advanced NLP with spaCy (11/2020) 

Datacamp

Extreme Gradient Boosting with XGBoost (10/2020)



Datacamp

Unsupervised Learning in Python (10/2020) 

Datacamp

Joining Data in SQL (10/2020) 

Datacamp

Deep Reinforcement Learning Nanodegree

(12/2019 - 03/2020) 

Udacity

Sequence Models (04/2018 - 04/2018) 

Coursera

Structuring Machine Learning Projects

(08/2017 - 08/2017) 

Coursera

Neural Networks and Deep Learning

(08/2017 - 08/2017) 

Coursera

Ruby on Rails: An Introduction (11/2016 - 11/2016)



Coursera

Introduction to Natural Language Processing in Python (10/2020) 

Datacamp

Machine Learning with Tree-Based Models in Python (10/2020) 

Datacamp

Supervised Learning with scikit-learn (10/2020) 

Datacamp

Introduction to SQL (10/2020) 

Datacamp

## LANGUAGES

Portuguese

Native or Bilingual Proficiency

English - IELTS 7/9

Full Professional Proficiency