



# Pedro Miguel Rodrigues Jorge

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🌐 **LinkedIn:** <https://www.linkedin.com/in/prjrg/>

**Gender:** Male **Date of birth:** 28 Sep 1989 **Nationality:** Portuguese

## DIGITAL SKILLS

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### My Digital Skills

HTML5/CSS, Javascript | React js | Operating Systems (Windows, Linux) | Git | SQL | Java | Python (Keras, TensorFlow, PyTorch) | Facebook Detectron2 | Spring Boot | Ubuntu | Google Jax | Deep Mind Haiku | Optax

## WORK EXPERIENCE

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[ May 2020 – Oct 2020 ] **Technical Researcher**

### *Void Software*

**City:** Leiria

**Country:** Portugal

#### **Main activities and responsibilities:**

- Used Machine Learning applied to industry (classification/instance segmentation).
- Code JavaFX and Spring applications.
- Tools: Python, PyTorch, JavaFX, Spring.

[ Aug 2017 – Dec 2017 ] **Coder**

### *Freelance*

**City:** Soure

**Country:** Portugal

#### **Main activities and responsibilities:**

- Worked with university colleagues to develop a platform used for restaurant services (mobile and web app).
- Tools: React, Angular, Java

[ May 2017 – Jul 2017 ] **Mathematics Tutor**

### *Explicacoes Eureka*

**City:** Marrazes

**Country:** Portugal

#### **Main activities and responsibilities:**

- Helped students from the 6th grade up to high school achieve their goals through oriented and systematic problem-solving.

[ Mar 2017 – Jun 2017 ] **Coder**

### *Freelance*

**City:** Home

**Country:** Portugal

**Main activities and responsibilities:**

- Helped implement a higher-level framework like Keras but using PyTorch and TensorFlow as backend.
- Helped make an Android app that connected to a backend with the basic features to do login, sign-up, list available datasets for the account, and make a visual placement of basic neural networks.
- Tools: Python, Tensorflow, PyTorch.

[ Aug 2015 – Dec 2015 ] **Consultant**

***JTA & Associados***

**City:** Porto

**Country:** Portugal

**Main activities and responsibilities:**

- Automated excel presentations to display metrics by country.
- Queried SQL Server databases to compute a data model.
- Made a website with ASP.NET and C# as backend.
- Tools: ASP.NET, C#, SQL Server, R, PowerBI.

[ Dec 2014 – Jun 2015 ] **Researcher**

***Institute For Systems and Robotics***

**City:** Coimbra

**Country:** Portugal

**Main activities and responsibilities:**

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

[ Nov 2013 – Oct 2014 ] **Researcher**

***University of Coimbra, Mathematics Department***

**City:** Coimbra

**Country:** Portugal

**Main activities and responsibilities:**

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

## **EDUCATION AND TRAINING**

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[ Jul 2020 – Oct 2020 ] **Computer Vision Nanodegree**

***Udacity***

<https://confirm.udacity.com/K9AZHKPM>

[ Nov 2019 – Mar 2020 ] **Deep Reinforcement Learning Nanodegree**

***Udacity***

<https://confirm.udacity.com/RF5JQ PDT>

[ Oct 2017 – Apr 2018 ] **Deep Learning Specialization**

***Coursera***

<https://coursera.org/share/0b5575123e5ce7c2ea75d53fcaf0f95e>

[ Aug 2012 – Jul 2014 ] **Masters**

***Department of Mathematics from the University of Coimbra***

**Address:** Coimbra, Portugal

**Field(s) of study:** Mathematics

**Final grade:** 15 over 20

[ Aug 2009 – Jul 2012 ] **Bachelors**

***Department of Mathematics from the University of Coimbra***

**Address:** Coimbra, Portugal

**Field(s) of study:** Mathematics

**Final grade:** 16 over 20

## LANGUAGE SKILLS

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**Mother tongue(s):** Portuguese

**Other language(s):**

**English**

**LISTENING C1 READING C1 WRITING C1**

**SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1**