

Bernardo Casaleiro | Artificial Intelligence Engineer

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Education

Instituto Superior Técnico

Masters in Information Systems and Computer Engineering
Algorithms and Intelligent Systems Focus

Lisbon, Portugal

2016–2018

University of Coimbra

Bachelor in Software Engineering

Coimbra, Portugal

2013–2016

Master's Thesis

Title: *Morphosyntactic Label Disambiguation*

Supervisors: Professor Bruno Martins & Professor Nuno Mamede

Description: This thesis explored the use of hand-crafted rules in combination with Recurrent Neural Networks and Conditional Random Fields to disambiguate 11 different morphosyntactic labels for each word.

Work Experience

muse.ai

Artificial Intelligence Engineer

Lisbon, Portugal

September 2017–December 2018

- Designed and developed the company's distributed file system.
- Developed Object Recognition, OCR and Action Recognition pipelines and respective curation tools.
- Designed and trained a deep learning model to perform OCR using Keras, Tensorflow.

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Web Developer

Coimbra, Portugal

May 2015–March 2016

- Full Stack Web Development using Laravel, Node.js, AngularJS and jQuery.
- Worked on an Android application that helps users pick a public transportation route for the city of Coimbra.

JeKnowledge

Junior Developer

Coimbra, Portugal

October 2013–May 2015

- Developed a JavaScript library to simplify map creation using Google Maps.
- Worked on several web development projects, mainly using Wordpress.

Events

Hackatons

ShiftAppens

Honorable Mention

Coimbra, Portugal

February 2014

ShiftAppens

Won the Subvisual Health Challenge for best health app

Coimbra, Portugal

February 2015

Skills

Languages: Python, SQL, JavaScript, HTML, CSS

Tools: Keras, Tensorflow

Other Skills: Git, Docker

Languages

Portuguese: Native language

English: Full professional proficiency