

# 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 with Tensorflow.

### Stratio

*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