

# Distributed Team Student CV

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University: Universidade de Trás-os-Montes e Alto Douro, Portugal

## Personal Goals and Interests

### Skills (rating: 0 = none, 5 = most experience)

**Languages:** 4: Java 3: C 1: C++ 4: Python 1: JavaScript

**Platform:** 0 Windows 0 iOS 2 Android

**Other:** 3 Version Control (Git, SVN, etc.) 3 Data Base (SQL, MongoDB, etc.)

2 Written English 2 Spoken English Other Languages: Portuguese and Spanish

### Positions Wanted

Choose all of interest: 0 = no interested, 5 = most interested

**Roles:** 3 Project Manager 4 Requirements Analyst 5 System Architect

2 Developer 0 Tester

### Work Assignments of Interest

Different teams will work on different parts of the Intelligent Home Controller application. Refer to the Concept of Operations for a description of the application and subsystems. Please indicate which you are interested in working on (0=not interested, 5=most interested).

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### Other Skills or Experience

List other skills or experiences potentially useful to a team such as teamwork experience, planning/managing, other programming projects, or work experience.

## **Researcher**

Universidade de Trás-os-Montes e Alto Douro

Dates Employed Dec 2020 – Present

Employment Duration 4 mos

Location Vila Real, Vila Real, Portugal

Research in projects with convolutional neural networks and Explainable AI in grapevine varieties classification

## **Data Scientist**

Fundação para o Desenvolvimento Científico e Tecnológico em Saúde - Fiotec Full-time

Dates Employed May 2020 – Jan 2021

Employment Duration 9 mos

Location Salvador, Bahia, Brazil

Scholarship at Project MACS. Responsible for the data flow. Tecs: cassandra, airflow, couchdb, postgresql

## **Voluntary**

High Performance Computing Laboratory

Dates Employed Apr 2019 – Apr 2020

Employment Duration 1 yr 1 mo

Location Feira de Santana

Preparation of undergraduate thesis. The main goal of this work is to use the features extracted by a convolutional neural network, developed in PathoSpotter-K project, into a

content-based image retrieval system, to assist pathologists in diagnosing kidney disease.  
Tools: cnn ,python, keras, opencv, pyqt

## Intern

### Geodatin

Dates Employed Mar 2019 – Jun 2019

Employment Duration 4 mos

Location Feira de Santana Area, Brazil

Internship in a remote sensing company. The big challenge here was use the Google Earth Engine and also start to learning about geography. The technologies used in internship: earth engine, python, random forest, javascript, android, node.js and artificial intelligence.

## Intern

### TechWelf

Dates Employed Oct 2018 – Feb 2019

Employment Duration 5 mos

Location Bragança Area, Portugal

Extracurricular internship at the Polytechnic Institute of Bragança. The main objective is to develop a tool with capabilities in production prediction, utilizing past data. Some technologies used: Python, Pandas API, Recurrent Neural Networks (Keras API).

## Voluntary

Advanced Data Managament Research Group

Dates Employed Aug 2016 – Sep 2018

Employment Duration 2 yrs 2 mos

Location Feira de Santana Area, Brazil

Research in topics about optimal location queries. The main result was a web application, with objective of help future entrepreneurs in the choice of a installation place of a new establishment.