

António Morais

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OBJECTIVE

Graduate student looking for research opportunities in the field of Computer Vision.

CORE SKILLS

Python (5 years), C (4 years), C++ (5 months), PyTorch (5 months), OpenCV (5 months)

EDUCATION

University of Coimbra

Master's in Intelligent Systems

Coimbra, Portugal

September, 2019 – July, 2021 (Expected)

University of Coimbra

Bachelor's in Computer Science

Coimbra, Portugal

September, 2016 – July, 2019

WORK EXPERIENCE

University of Coimbra

Student Researcher

Coimbra, Portugal

February, 2020 – July, 2020

- Research scholarship at the University of Coimbra to support my Master's thesis. Researching fault tolerance in Convolutional Neural Networks in the context of safety-critical systems
- Part of the AI4EU project
- Used CMake, OpenCV (Python and C++), PyTorch C++ Frontend, Xception, CUDA, Linux

CISUC - Centre for Informatics and Systems of the University of Coimbra

Student Researcher

Coimbra, Portugal

October, 2020 – December, 2020

- Explaining the predictions of a YOLOv4 model with LIME in forest fire images.
- Used Darknet, LIME, OpenCV, PyTorch, Linux, CUDA, Git, Python and C
- Repository available in my GitHub page

University of Coimbra

Student Researcher

Coimbra, Portugal

April, 2020 – September, 2020

- Data Visualization and Back end programming for a web app that assesses student's understanding of the lecture material during class.
- Used Dash, Pandas, Numpy, Requests, Docker, Postman, GitLab, Python

Bosch Portugal

Summer intern

Ovar, Portugal

August, 2019

- Full-Stack development of a web app that lets users of Azure DevOps manage templates and apply them to existing Work Items
- Used Flask, Bootstrap, JQuery, Azure DevOps API, Python, JavaScript

OTHER SKILLS

Languages: Portuguese (Native), English (C2 Proficiency), French (A1)