

BERTA FERNÁNDEZ DE LA MORENA

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Currently I am pursuing a Joint Master's Degree in Image Processing and Computer Vision. I consider myself a hard-working person oriented to the achievement of objectives, demonstrating a high degree of participation and adaptability to teamwork. I am actively looking for Master's Thesis opportunities focused on Computer Vision. In addition, I would like to be part of a team that shares my same values about fellowship, honesty and motivation for development.

EDUCATION

- 2019- 2021 **M.Sc., IMAGE PROCESING AND COMPUTER VISION**
PPKE, Budapest-Hungary. UAM, Madrid-Spain, UBDx, Bordeaux-France.
Erasmus Mundus Joint Master's degree.
- 2015 - 2019 **B.Sc, TELECOMMUNICATIONS ENGINEERING**
Universidad Autónoma de Madrid
Processing and Audio & Video Communication Profile.

EXPERIENCE

- 2019 - 2020 **RESEARCH INTERNSHIP**
VPULab, Universidad Autónoma de Madrid, Spain
Computer vision in the domain of Visual Tracking.
Research on CNN tracking algorithms.
- November 2018 **LOCAL COMMITTEE MEMBER – 23rd IBEROAMERICAN CONGRESS ON PATTERN RECOGNITION**
Universidad Autónoma de Madrid, Spain
- 2014 - Present **VOLUNTEER / COMMUNITY SERVICE**
Lo que de Verdad Importa Foundation and Mary Ward Foundation
- 2016 - Present **PRIVATE TUTOR**
Tutoring high school students, including bilingual education.
- 2016 - 2019 **CONFERENCES / PROMOTING**
New Line Events, SociPrime, Dádiva Eventos, CPM Expertus, Balgal

PROJECTS

- 2020 – Present **AUGMENTED REALITY APPLICATION – UNITY**
Université de Bordeaux, Bordeaux, France
- 2019 - Present **TRACKING RESEARCH PROJECT**
VPULab, EPS, Universidad Autónoma de Madrid, Spain - Université de Bordeaux, Bordeaux, France
Research on recent *Object Tracking Model Free* algorithms based on CNN.
- 2018 - 2019 **B.Sc THESIS**
Universidad Autónoma de Madrid, Spain
Research on biased Facial Recognition Systems.

AWARDS

- 2018 **UNIVERSITY ACADEMIC RECORD AWARD**
Universidad Autónoma de Madrid, Spain
Fulfilled all the requirements established in the bases regulated by the Community of Madrid.

LANGUAGES

Spanish (Native)
English (Advanced)
French (Medium)

COURSES

WORKSHOP on DEEP LEARNING FOR COMPUTER VISION

Insight Centre for Data Analytics
- Dublin City University (DCU) – 2020

CYBERSECURITY AND THE IOT
Coursera (University of Georgia) – 2020

IMPACT OF ARTIFICIAL INTELLIGENCE ON DEFENCE AND SECURITY

Universidad Politécnica de Madrid (UPM) and the National Defence Studies Centre (CESEDEN) – 2019

CONFLICT MEDIATION
Bienaventurada Virgen María, Las Irlandesas, Madrid, Spain

SKILLS

PROGRAMMING

Python, Matlab, C, Java, HTML

TOOLS

Linux, Windows, LaTeX, Command Line.

FRAMEWORKS

OpenCV, Numpy, Keras, PyTorch, Scikit, Tensorflow

SOFT-SKILLS

Teamwork, Self-Organised Working, Teaching, Organisation

REFERENCES

Jesús BESCOS

Doctor | Universidad Autónoma de Madrid
E-mail: j.bescos@uam.es

MEMBERSHIP

STUDENT REPRESENTATIVE TEAM

Universidad Autónoma de Madrid – 2018/19.