# BERTA FERNÁNDEZ DE LA MORENA

+34 620 25 22 59 / bertafmorena@hotmail.com
*http://bertafmorena.github.io/*
*www.linkedin.com/in/bertafmorena*

Currently I am pursing 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 PROCCESING 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 Comunication 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 COMMITEE 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.

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## 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 Centre for National Defence Studies (CESEDEN) - 2019
**CONFLICT MEDIATION**
Bienaventurada Virgen María, Las Irlandesas, Madrid, Spain

## SKILLS
**PROGRAMMING**
Python, Matlab, C, C++, Java, HTML, PHP
**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.