BERTA FERNÁNDEZ DE LA MORENA

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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 fulfilment of objectives, demonstrating a high degree of participation and adaptability to teamwork. I am actively looking for Master`s Thesis opportunities with a focus 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 visión 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, Mary Ward Foundation…

2016 - Present
PRIVATE TUTOR
Tutoring highschool 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.

HONOURS AND AWARDS

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

2015
HIGH SCHOOL
Bienaventurada Virgen María, Las Irlandesas, Madrid, Spain
Excelence Schoolarship

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

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) y el Centro Superior de Estudios de la Defensa Nacional (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, Git.
FRAMEWORKS
OpenCV, Numpy, Keras, PyTorch, Scikit, Tensorflow
SOFT-SKILLS
Teamwork, Self-Organised Working, Presenting, Teaching, Organisation
TECHNOLOGIES
CNNS, Object Detection, Object Tracking, Feature Extraction, Segmentation, Semantic Segmentation, Transfer Learning, Deep Learning

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

MEMBERSHIP
STUDENT REPRESENTATIVE TEAM
Universidad Autónoma de Madrid – 2018/19.