

Oscar Juarez Delgado

Education

Master of Science Image Processing Computer Vision IPCV
PPCU - Budapest, UAM - Madrid, UdB - Bordeaux | 2020-2022

Triple Degree in Image Processing & Computer Vision

Bachelor of Mechatronics Engineering
Universidad Nacional Autónoma de México | México | 2011-2016

Graduated with High Honors Grade: 9.3/10 (3.8 GPA)

Work Experience

Computer Vision Researcher | Intern Eurecat | 01/2022 - 06/2022

Developing the Thesis :

Object Detection and Segmentation for 360 urban stocktaking and
Equirectangular Projection for data augmentation.

Data Scientist | Computer Vision Grupo Abraxas | 01/2018 - 03/2021

- Image analysis for industrial and surveillance applications.
- Search and apply current and new algorithms (YOLO, ResNet, AlexNET, FaceNet, etc.) and transfer learning for custom detections.
- Design of deep neural networks for image analysis (mainly CNN)
- Python programming tasks.
- Research and Implementation of State of the Art Computer Vision Algorithms and Deep Learning architectures.
- Test automation and containerization.
- Explain and communicate complex concepts in accordance with the audience.

IoT Engineer FLYX Systems | 11/2016 - 12/2017

- Image processing for UAV tasks (image stitching, automatic landing)
- Hyperspectral image analysis
- Python and C++ programming tasks

Projects and Awards

IBM Hackapalooza 2019
"Hyper Personalized Online Clothes Store based on Social Media information"
Winner of UX Hyper-Personalization Category
2nd place

Hackathon BBVA Bancomer 2017
"Computer Vision system to recognize Bank Drafts and pay"
Runner-Up

Design and development of a Mexican Sign Language Teaching Program 2017
Project presented in Second International Forum of Mexican talent Innovation Match MX 2017

Certification is given by Mexican Public Copyright Registry for both Oscar Juarez Delgado & Luis Yair Bautista Blanco for the development of "Mexican Sign Language Teaching Software"

Contact

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🏠 Barcelona, Spain

Skills

- Data Analysis
- Deep learning
- Image processing
- Machine learning
- Git Version Control
- Amazon Web Services
- Docker
- Programming
- Problems Solving
- Good Communication Skills
- Proactivity
- Collaboration
- Python
- OpenCV
- Git
- TensorFlow
- SciPy
- Scikit-learn
- Keras
- PyTorch
- C++
- Matlab
- Shell
- Pandas
- NumPy
- Matplotlib

Certifications

Specialization in Deep Learning Coursera | 2019

Master OpenCV Udemy | 2017

Reference

Fernando Mayer Llamasa

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Itamar Leizorek

CEO at Abraxas,

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