Oscar Juarez Delgado

Mechatronic Engineer by train which has given me a very varied knowledge in digital technologies, and Data Scientist applied in Computer Vision by vocation. Fan of participating in Hackathons every other weekend. I am interested in expanding my knowledge in Deep Learning and collaborate in this interesting field with new ideas and novel implementations.

Education

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

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

Data Scientist | Computer Vision
Grupo Abraxas | 01-2018 - 03-2020

- Image analysis for industrial and surveillance applications.
- Search and apply current and new algorithms (YOLO, ResNet, AlexNET, FaceNet) and transfer
- Learning for custom detections
- Design of deep neural networks for image analysis (mainly CNN)
- Hardware programming (microcontroller and microcomputer, Raspberry Pi, Jetson Nano)
- 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)
- Hyper spectral image analysis
- Python and C++ programming tasks
- Hardware design solutions (3D printing and fast prototyping)
- Long Range communication hardware (LoRa & Sigfox)

Proyects and Awards

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

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"

Contacto

- ✉ oscar5.juarez@gmail.com
- ☎ 653772029
- in oscar-juarez-delgado
- 🌐 www.oscarjd.com

Skills

- Data Analysis
- Machine learning
- Deep learning
- Image processing
- Electronic circuits
- Microcomputers
- Hardware design
- Webscrapping
- Git Version Control
- Amazon Web Services
- Docker

- Problems Solving
- Good Communication Skills
- Proactivity
- Collaboration

- Java
- Python
- C++
- Matlab
- Shell

- Pandas
- TensorFlow
- NumPy
- Matplotlib
- SciPy
- Scikit-learn
- Keras
- PyTorch
- OpenCV

Certifications

Specialization in Deep Learning	Coursera	2019
Master OpenCV	Udemy	2017

Reference

Fernando Mayer Llamosa
CEO at Arkon Data ,
- ✉ f.mayer.llamosa@gmail.com
- in fernando-mayer-llamosa

Itamar Leizorek
CEO at Abraxas,
- ✉ itamar.leizorek@grupoabraxas.com
- in itamarleizorek