Victor ARIAS

computer scientist | Deep Learning for Computer Vision Developer

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📍 Str. 41 #25-32, La Soledad
ℹ Born on 23 October 1992 (26 years old) in San Juan del Cesar, La Guajira

Python developer and designer for several years, I also have development experience on the tensorflow ecosystem (Core, Mobile & IoT, Production). I am now a deep learning for computer vision software architect and remain passionate about my research and new technologies in general. Particularly interested in the new uses and opportunities that combine probabilistic models and deep learning on modern hardware (TPU, GPU), I would like to continue my career building practical and safe systems that quantify uncertainty in deep neural networks, that is, merging this approach with probabilistic models.

☰ SKILLS

Programming	**Python** (**Numpy**, **Matplotlib**, **Pandas**, **OpenCV**), (**C++**)
Frameworks	Tensorflow, Pytorch, CUDA
Development Tools	**Pycharm** Anaconda, **Jupyter Lab**
Operating systems	Mac OS X, Windows 7, Linux Ubuntu
Others	**ROS** (Robot Operating System)

💼 PROFESSIONAL EXPERIENCE

Nowadays August 2018	Master student in Computer Science | Junior Machine Learning Developer/Designer, UNAL, Bogotá D.C. › Research in segmentation of diseases in fundus images › Automation of the labeling or pixel-level classification process in high-resolution multi-band satellite images › MindLab Website Administrator `Python` `OpenCV` `h5py` `Jupyter` `tensorflow` `Numpy`
February 2016 July 2018	Research Support | Junior Robotics Developer/Designer, UNIVERSIDAD SIMÓN BOLIVAR, Cúcuta › Construct a 3D printer-scanner prototype and development of a service provision patent › Collection, cleaning and pre-processing of medical records `ROS` `Ubuntu` `Python` `Scikit-learn`

🌐 LANGUAGES

Spanish	●●●●●
English	●●●●○

✚ FORCES

› Passionate
› Motivated
› Autonomous

🎓 FORMATION

2018	Master student in computer science from the Universidad Nacional de Colombia (Master's degree in systems engineering and computing)
2016	Mechatronics Engineer from the Universidad de Pamplona, Pamplona-Norte de Santander

❝ RÉFÉRENCES

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