

Victor Arias

DATA SCIENTIST · COMPUTER VISION EXPERT

Street 41, 25-32, Bogotá D.C., 111311, Rep. of Colombia

☎ (+57) 3112691749 | ✉ victor.ariasvanegas@gmail.com | 📷 viariasv | 🌐 viariasv

Summary

Data Scientist, familiar with the gathering, cleaning, and organizing data for use by technical and non-technical personnel. Advanced understanding of statistical, algebraic, and other analytical techniques. Highly organized, motivated, and diligent with significant background in computer vision, especially image transformation, neural network architectures, and semantic segmentation. A super nerd who loves TensorFlow, Python, and OS X and enjoys to customize all of the development environment. Interested in devising a better problem-solving method for deployment machine learning real-life challenges and learning new technologies and tools if the need arises.

Work Experience

Universidad Simón Bolívar

RESEARCH ASSISTANT

Cúcuta, N. de Santander

Feb. 2016 - Julio. 2018

- Supported research and development efforts to create 3d printers products for the education and manufacturing industry.
- Helped with large survey research projects and provided research support for data processing operations.
- Entered data into data scientist workflow, modeled results, and generated reports.

Universidad Nacional de Colombia

RESEARCH FELLOW

Bogotá D.C.

Aug. 2018 - Jun. 2019

- Developed unique research into machine Learning model based on fundus images to early detect microaneurysm.
- Collaborated with computer vision professionals to advance research and gain deeper understanding of topics.

Writing

3D printing of cardiac structures: a case of frugal innovation in the health sector

FIRST AUTHOR

Google Scholar

2015

Pixel-wise classification for weed mapping using UAV-based multispectral imaging

FIRST AUTHOR

In Process

2020

Education

UniPamplona (Universidad de Pamplona)

B.S. IN MECHATRONICS ENGINEERING

Pamplona, N. de Santander

Feb. 2010 - Mar. 2016

UNAL (Universidad Nacional de Colombia)

M.S. IN SYSTEMS AND COMPUTER SCIENCE ENGINEERING

Bogotá D.C.

Aug. 2018 - Aug. 2020

- Got a Colciencias Scholarship which is given to increase the number of professionals in the Department of La Guajira trained in research masters.

Extracurricular Activity

Udacity

DATA SCIENTIST NANODEGREE STUDENT

Bogotá D.C.

Mar. 2020 - Jul. 2020

- master the skills necessary to become a successful Data Scientist.
- work on projects designed by industry experts, and learn to run data pipelines, design experiments, build recommendation systems, and deploy solutions to the cloud..

CoderPro (Coding interview Training Videos)

STUDENT

Bogotá D.C.

March. 2020 - lifetime

- A collection of 100+ video explanations of popular coding interview problems from top tech companies.