

CAREER PROFILE

Machine Learning Engineer with extensive experience in the industry in fields such as autonomous vehicles, video analytics, and manufacturing. Contributor to various Python JAX-related open source projects (Flax, Elegy, Treex), speaker, host of the JAX Global Meetup and the Machine Learning Meetup Medellin.

EXPERIENCES

Senior Software Engineer (Machine Learning) 2020 - Present  
Quansight

Currently working as a contributor to the Flax Open Source framework for Deep Learning with the Google Brain team.

Senior Machine Learning Engineer 2019 - 2020  
Snappr Inc, Medellin

Developed applications using Machine Learning and Deep Learning to automate tasks throughout the organization such as client sales prediction, demand forecast, photo aesthetics prediction, image clustering, models using GIS data, and more.

Machine Learning Engineer 2018 - 2019  
Landing AI, Medellin

Developed Automatic Visual Inspection solutions using Deep Learning techniques for clients in the automotive industry. Developed an internal tool to that enabled training deep learning models with small datasets. Worked on a generative model for images using GANs.

Lead Engineer in Computer Vision 6 months  
Bigbang Media, CA

Developed various Deep Learning models for tasks like video classification and event detection in videos using distributed Tensorflow, TPUs, and Dataflow.

Lead Data Scientist 2016 - 2018  
Kiwi Campus, Berkeley

Lead Data Scientist and Deep Learning developer for autonomous driving delivery robots. Used Deep Learning techniques like CNNs and RNNs for autonomous control, with technologies such as TensorFlow, ROS, Jupyter, Flask.

Data Scientist 2015 - 2016  
BD Guidance, Medellin

Designed the curriculum of various Data Science/ML courses. Investigated technologies such a TensorFlow and OpenCV to run ML algorithms in IoT devices.

Data Scientist 2014 - 2015  
Senseta, Medellin

Developed a Linux and Windows python application for HR software to measure employee productivity. Cleaned and analyzed large datasets using Spark and Zeppelin. Created a service in Python for Entity extracting using NLTK. Created a generic ML prediction service using Scikit Learning and Flask

PROJECTS

Main developer of various Python Open Source projects and community leader.

Elegy - A High Level API for Deep Learning in JAX

Treex - A Pytree Module system for Deep Learning in JAX

Treero - A small library for creating and manipulating custom JAX Pytree classes

Pypeln - Concurrent data pipelines in Python

Machine Learning Meetup Medellin - Organizer (3K+ members)

JAX Global Meetup - Organizer

Machine Learning Colombia Group - Admin (14K+ members)

SKILLS & PROFICIENCY



Cristian Garcia

Machine Learning Engineer

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Colombian / Spanish

GMT-5

cgarciae

cgarciae88

Resume PDF

EDUCATION

Mathematical Engineering  
Universidad EAFIT

LANGUAGES

English (Native)

French (Professional)

Spanish (Professional)

INTERESTS

Climbing

Snowboarding

Cooking

ABOUT THEME

How to use?

Star 2,679