👤 CAREER PROFILE

Machine Learning Engineer and Software Developer with a background in math and physics. Extensive experience creating ML applications in fields such as autonomous vehicles, video analytics, and manufacturing. Strong combination of theory, coding, and infrastructure knowledge geared toward the creation of real products world product. Contributor to various Python open source projects, community leader, and active speaker at world-wide conferences. Member of Toptal.

💼 EXPERIENCES

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

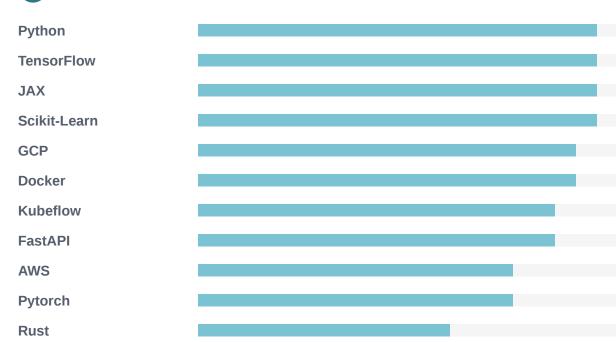Treeo - A small library for creating and manipulating custom JAX Pytree classes

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

Skill	Proficiency
Python	████████████████
TensorFlow	████████████████
JAX	████████████████
Scikit-Learn	████████████████
GCP	██████████████
Docker	██████████████
Kubeflow	█████████████
FastAPI	█████████████
AWS	███████████
Pytorch	███████████
Rust	█████████

Cristian Garcia

Machine Learning Engineer

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📄 Resume PDF

EDUCATION

Mathematical Engineering
Universidad EAFIT

LANGUAGES

Spanish (Native)

English (Professional)