

Skills

Technical skills

Programming skills

1. Python (Pandas, GeoPandas, prophet, SciKit-Learn, TensorFlow, Pytorch, keras, Matplotlib, NumPy, SciPy, SQLAlchemy, Seaborn, Bokeh, SciKit-Images),
2. R (RStudio, Shiny, tidyverse, Parsnip, RandomForest, rethinking, rstanarm, bayestestR, ggplot2, sqldf, reshape2, sparklyr, dplyr, tidyr, keras, dygraph, forecast, lubridate)

Geospatial analysis

Advanced skills in ArcGIS and QGIS

Big Data & Databases

Proficient in SQL, MongoDB (NoSQL), Spark (pyspark and sparklyr)

Experimental design

Strong background designing and implementing A/B tests, machine learning algorithms (supervised and unsupervised) and Bayesian statistics

Languages: Fluent in English and Spanish (native)