Luis Chinchilla-Garcia

Data Engineer | Machine Learning Engineer

Los Angeles, CA
Email:lchinchillagarcia@gmail.com

Skills

Machine Learning|Data Science
Tensorflow, NumPy, Pandas, PyTorch, Tensorflow Extended, Tensorflow Probability, Scikit-Learn

Data Engineering
SQL, MySQL, PostgreSQL, MangoDB, GraphQL, Django, Flask, FastAPI, Firebase

Web Development
Vue, Nuxt, ReactJS, NextJS, NodeJS, Express, HTML, CSS, TailWind

Others
Git, Bash, Markdown, Docker

Architectures

- Recommender Systems
- Transformer Models
- Transfer Learning
- Reinforcement Learning
- Natural Language Processing
- Ensemble Models
- Dimensionality Reduction Models
- Variational Inference Models
- Attention-Based Models

Links

Resume Website:
luischinchilla-garcia.com

Github:
github.com/luischinchillagarcia

LinkedIn:
linkedin.com/in/luisgchinchilla-garcia/

Blog:
luisgc2116.github.io/cognitio.io/

Experience

2019-Now Red Bull Media House
Data Engineer

Analysis: Create repeatable exploratory data analysis with strong visualizations to aid the story-telling process utilizing tools like Jupyter/Colab

Machine Learning: Architect solutions with scalability and cost effectiveness. Actively research and prototype machine learning models to create effective and scalable recommender systems

Deployment: Deploy machine learning models using Tensorflow on cloud services as part of an end-to-end machine learning workflow

API Integration: Collaborate with back-end engineers to integrate APIs and microservices with the platforms, using frameworks like Flask

Front-End: Create and maintain an internal webapp using Vue/Nuxt for displaying predictions from deployed recommendation systems

2017-Now Logos
Lead Machine Learning Engineer

Leadership: Lead the data science and machine learning teams to deploy complete end-to-end solutions

Analytics: Communicate technical concepts and analysis implications to varied audiences and translate them into actionable business objectives

Machine Learning: Utilizing reinforcement learning, Bayesian, and Monte Carlo based methods, and transfer-learning to create state-of-the-art models

Data Engineering: Develop robust and scalable end-to-end machine learning pipelines and scalable APIs using TensorFlow Extended and Google Cloud Platform(eg. BigQuery, Dataflow, AI Platform, Kubeflow)

Product Managing: Organize and distribute resources to create complete and evolving machine learning solutions

Education

2014-2018 University of California, Los Angeles
Bachelor of Science, Astrophysics.

Completed 3 years of Astrophysics research with publications in the Astrophysical Journal and the American Astronomical Society(AAS)

Projects

2018 SETI Publication   **Research**
Part of a publication on possible technosignatures from the TRAPPIST-1 system using Green Bank Telescope data

2019-now Cognitio   **Project**
Articles related to Machine Learning, mathematics, physics built with the aim to provide in-depth mathematical descriptions.