Luis G. Chinchilla-Garcia

818-617-3426
luisgc2116@gmail.com

Programming

Languages/Libraries&Frameworks

Languages: Python, SQL, Javascript/ Typescript, HTML, CSS/SCSS.

Libraries/Frameworks: Tensorflow, Tensorflow Extended, Tensorflow Probability, PyTorch, Scikit-Learn, Numpy, Pandas, Apache Beam, Apache Spark.

Other: Git, Bash, LaTex, Docker.

Cloud Services/BigData

Cloud Services:
Google Cloud Platform(GCP) BigQuery(SQL), AI Platform, Dataflow, Cloud Build, Cloud Scheduler, PubSub, App Engine
Microsoft Azure

Machine Learning

- Recommender Systems
- Transformer Models
- Transfer-learning
- Reinforcement Learning Models
- Natural Language Processing
- Ensemble Algorithms
- Dimensionality Reduction Models
- Variational Inference Models (Variational Autoencoders)
- Attention-Based Models

Links

Resume Website
luisgc2116.github.io/personal-website

LinkedIn
linkedin.com/in/luisgchinchilla-garcia

Active Data Science/Machine Learning
https://luisgc2116.github.io/cognitio/

Experience

Current – 2019

Red Bull Media House
Data Engineer (Machine Learning Engineer)

- Actively research and prototype machine learning models to personalize product recommendations.
- Deploy machine learning models on cloud services as part of an end-to-end machine learning workflow.
- Create repeatable exploratory data analysis in Jupyter notebooks, with visualizations to aid the story-telling process of data.
- Collaborate with back-end engineers to integrate APIs and microservices with the platforms.

Current – 2017

Logos
Lead Data Scientist & Machine Learning Engineer

- Leading the data science team toward researching, developing & experimenting machine learning models to solve problems in Natural Language Processing, personalized UI/UX, and business-oriented analysis.
- Developing & maintaning end-to-end machine learning pipelines that are scalable and cost effective.
- Utilizing modern techniques including reinforcement learning, transformer-based methods, deep probabilistic approximation based methods, and harnessing transfer-learning models to create state-of-the-art results.

Education

2014 – 2018

University of California - Los Angeles
Bachelor of Science in Astrophysics

- Part of the research team that published a paper on analyzing possible technosignatures from the TRAPPIST-1 system using data gathered from the Green Bank Telescope. Paper: "A search for technosignatures from TRAPPIST-1, LHS 1140, and 10 planetary systems..."
- Completed 3 years of Astrophysical research with publications in the Astrophysical Journal & the American Astronomical Society(AAS).
- Completed a summer research project under Carl Heiles and Casey Law on studying clustering methods for fast radio transient classification.

2017

University of California - Berkeley

- Business for Arts, Science & Engineering (BASE) summer certification program with courses in marketing, financial accounting & organizational behavior under the HAAS Business School.