

Luis G. Chinchilla-Garcia

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PROGRAMMING

MACHINE LEARNING

Classification • Regression • Clustering • Feature Engineering • CNN
• RNN and NLP • Recommender Systems • Support Vector Machines
• Reinforcement Learning

STATISTICAL METHODS

Regression models • A/B Testing
• Principal Component Analysis and Dimensionality Reduction • Stochastic Differential Equations (SDEs)

BIG DATA AND LANGUAGES

Python(scikit-learn, numpy, scipy)
• C++ • Tensorflow/Theano/Keras/PyTorch • SQL • Hadoop
MapReduce/Spark
• LaTeX • Git/Github • Google Cloud Platform(GCP) • Amazon Web Services(AWS)

ACHIEVEMENTS

UNDERGRADUATE RESEARCH FELLOWS PROGRAM

June 2016 - June 2018

Scholarship and fellowship from the Office of the Vice Provost for Undergraduate Education for excellent departmental research.

UNDERGRADUATE RESEARCH PROGRAM

August 2014 - June 2016

Admitted to one of the top undergraduate fellowships at UCLA, with only 5-10 awarded each year - University of California Leadership Excellence Through Advanced Degrees Program (UC LEADS).

LINKS

Resume Website:

luisgc2116.github.io/Personal-Website

LinkedIn:

[linkedin.com/in/luisgchinchilla-garcia](https://www.linkedin.com/in/luisgchinchilla-garcia)

Active Data Science/Machine Learning blog:

https://luisgc2116.github.io/luis_notes/

EXPERIENCE

ISOLUTIONSPRO | DATA SCIENTIST

June 2016-Jan 2019 | Los Angeles, CA

- Increased **user growth** 15% and **user retention** 10% for an LA startup company by building and maintaining **recommender systems** as users scaled.
- Facilitated the **maintenance** of the end-to-end lifecycle of a model pipeline by utilizing efficient **model analysis** and **validations**.
- Designed and created models with **scalability** at its core, from prototype to the deployment stage (utilizing **cloud computing** services via **GCP**).
- Communicated revenue and user growth to executive stakeholders by building explanatory **statistical models**.

IBIDGAMES | INTERN DATA SCIENTIST

December 2015 - March 2016 | Los Angeles CA

- Responsible for core tasks such as data collection, verification, configurations, feature extractions/data transformations.
- Planned, predicted, and executed business solutions to increase user growth and user retention by using **statistical analysis** metrics.
- Created **predictive analytics** using machine learning models such as Support Vector Machines and Random Forests.

PLANETARY GAMING | DATA ANALYST

June 2018 - September 2018 | Los Angeles CA

- Helped cultivate the **design and features** in an Augmented Reality mobile multiplayer application using Unity and C#.
- As part of Startup UCLA, we were exposed to top entrepreneurs, investors, and experts in tech, including some of the largest VC firms such as Lightspeed Ventures and Upfront Ventures to be part of a growing network of entrepreneurs and investors.

EDUCATION

UNIVERSITY OF CALIFORNIA - LOS ANGELES | BACHELOR OF SCIENCE IN ASTROPHYSICS

Fall 2014- Fall 2018

- Completed three years of Astrophysical research with two research fellowships and two publications in the Astrophysical Journal and the American Astronomical Society(AAS) utilizing a large scale classification model and statistical analysis.

UNIVERSITY OF CALIFORNIA - BERKELEY | BUSINESS CERTIFICATION

Summer 2017

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

STANFORD UNIVERSITY | STATISTICAL LEARNING CERTIFICATION

Summer 2018

- Online certification for Statistical Learning with advanced mathematics.

SKILLS

- Strong understanding of the machine learning/data science process from prototype to deployment.
- Efficient in graphical modeling and data visualization for predictive models.
- Proficient in Google Cloud Platform and Amazon Web Services.