**Juan Jose Carin**

Mountain View, CA 94041 650-336-4590 | juanjose.carin@gmail.com Data Scientist linkedin.com/in/juanjosecarin | juanjocarin.github.io

**Professional Profile**

Passionate about data analysis and experiments, mainly focused on user behavior, experience, and engagement, with a solid background in data science and statistics, and extensive experience using data insights to drive business growth.

**Education**

2016 **University of California, Berkeley** Master of Information and Data Science

• Machine Learning  
• Machine Learning at Scale

• Data Visualization and Communication

• Research Design and Applications for

GPA: 3.93

page1image3289908992

*Relevant courses*:

• Field Experiments  
• Applied Regression and Time Series

Analysis

• Storing and Retrieving Data

• Exploring and Analyzing Data

Data Analysis

2014

***Universidad Politécnica de Madrid*** M.S. in Statistical and Computational Information Processing

• Data Mining  
• Multivariate Analysis • Time Series

• Monte Carlo Techniques  
• Numerical Methods in Finance • Stochastic Models in Finance • Bayesian Networks

GPA: 3.69

*Relevant courses*:

• Neural Networks and Statistical Learning

• Regression and Prediction Methods • Optimization Techniques

2005

***Universidad Politécnica de Madrid*** M.S. in Telecommunication Engineering

GPA: 3.03

*Focus Area:* Radio communication systems (radar and mobile).  
*Fellowship:* First year at University, due to Honors obtained last year at high school.

**Skills**

**Experience**

DATA SCIENCE

Proficient: Intermediate: Basic:

Programming / Statistics *R*, *Python*, *SQL  
SPSS*, *SAS*, *Matlab EViews*, *Demetra+*

Big Data  
*Hadoop*, *Hive*, *MrJob Spark*, *Storm*

Visualization

*Tableau D3.js*

Others  
*Git*, *AWS  
Bash  
Gephi*, *Neo4j, QGIS*

Jan. 2016 – Mar. 2016

**Data Scientist**

CONENTO

Madrid, Spain (working remotely)

Jun. 2014 – Sep. 2014

• Designed and implemented the ETL pipeline for a predictive model of traffic on the main roads in eastern Spain (a project for the Spanish government)*.*

• Automated scripts in *R* to extract, transform, clean (incl. anomaly detection), and load into *MySQL* data from multiple data sources: road traffic sensors, accidents, road works, weather.

**Data Scientist**

CONENTO

Madrid, Spain

* Designed an experiment for Google Spain (conducted in October 2014) to measure the impact of YouTube ads on the sales of a car manufacturer's dealer network.
* A matched-pair, cluster-randomized design, which involved selecting the test and control groups from a sample of 50+ cities in Spain (where geo-targeted ads were possible) based on their sales- wise similarity over time, using wavelets (and *R*).

MANAGEMENT – SALES (Electrical Eng.)

Feb. 2009 – Aug. 2013 **Head of Sales, Spain & Portugal** – Test &Measurement dept.

YOKOGAWA

Madrid, Spain

• Applied analysis of sales and market trends to decide the direction of the department. • Led a team of 7 people.

1 of 2