

Mario Humberto Becerra Contreras

Curriculum vitae

CONTACT

Location: Mexico City, Mexico
Phone number: +52 1 55 1513 0162
Email: mbecerracontreras@gmail.com
Github: <https://github.com/mariobecerra>
Webpage: <http://mariobecerra.com>
LinkedIn: <http://linkedin.com/in/mbecerrac>

ABOUT ME

I'm an applied mathematician and computer scientist. My main interests are statistical modeling, predictive analytics, data visualization and machine learning.

I enjoy solving problems in an analytical and logical way; and, especially, using data in order to obtain useful information.

SKILLS

Statistics

Generalized Linear Models, Bayesian statistics, model validation, PCA, correspondence analysis, spatial statistics, simulation, Bayesian networks, clustering, hierarchical models

Machine Learning and Data Mining

Random Forest, support vector machines, recommender systems, market basket analysis, association rules, Natural Language Processing, text mining, social network analysis, image processing, artificial neural networks

Programming languages and other technologies

R, Python, git, MATLAB, SQL, ~~LaTeX~~, bash, C, C++, Java, Apache Spark, Apache Hadoop, Apache Hive

Other

Linear programming, constrained and unconstrained numerical optimization, analysis of algorithms, business intelligence, finance, compiler design, distributed systems, computer architecture

LANGUAGES

SPANISH Native

ENGLISH Highly fluent, almost native

EDUCATION

2015

Instituto Tecnológico Autónomo de México (ITAM)
Applied Mathematics B.Sc.

Elective courses from statistics, computer science and finance fields.

PRESENT DAY

Instituto Tecnológico Autónomo de México (ITAM)
Computer Science M.Sc.

Expected completion: December 2017.

Note: Took 8 out of 12 courses offered in the Data Science master program at ITAM.

WORK EXPERIENCE

SEPTEMBER 2017 - PRESENT DAY

Data scientist

Business Data Evolution

Statistical modeling and predictive analysis in data science consulting company.

MAY 2016 - JUNE 2017

Data scientist

CAD Salud

Statistical models and data visualization for data projects aimed toward health problems.

OCTOBER 2015 - MAY 2016

R&D Analyst

MetronHomo, Grupo Salinas

Statistics, machine learning and data visualization for market research consulting.

JUNE 2015 - AUGUST 2015

Junior Analyst

Revenue Management, Best Day

Summer project involving customer analysis and market segmentation using multivariate statistics techniques.

JUNE 2014 - JUNE 2015

Data analyst

Computer Research and Analysis Laboratory, ITAM

Machine learning application in Natural Language Processing for automation in news classification for media monitoring company.