

IRVING GÓMEZ MÉNDEZ



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Academic Qualifications

PhD Candidate in Probability and Statistics

Centro de Investigación en Matemáticas (CIMAT),
Guanajuato, Mexico 2017-present

Thesis: *Random Forests with Missing Data*, under the
direction of Emilien Joly

Courses: Scientific Computing for Probability and
Statistics, Statistics for Complex Data, Data Science,
Pattern Recognition, Asymptotic Theory for Probability
and Statistics, Genomics

MSc in Probability and Statistics

Centro de Investigación en Matemáticas (CIMAT),
Guanajuato, Mexico 2014-2016

Thesis: *Gráficos de Control Tipo EWMA para Datos
de Inspección en Confiabilidad (EWMA Control Charts
for Inspection Data in Reliability)*, under the direction of
Enrique R. Villa Diharce

Courses: Mathematical Statistics, Statistical Infer-
ence, Stochastic Models, Statistical Models, Reliability,
Non-parametric Inference, Multivariate Analysis, Statis-
tics for Industry and Natural Sciences

Bachelor's degree

Instituto Politécnico Nacional (IPN),
Mexico City, Mexico 2009-2014

Mathematical Engineer

Graduate by completion of master's degree credits

Universidade Estadual de Campinas (UNICAMP),
Campinas, Brazil 2012

**Scholarship holder by the Instituto Politécnico
Nacional (IPN)** to study Operations Research and
Statistics

David Sprott Award

For the best master's exam in the area of
statistics 2015

Scholar and Professional Activities

2015-2019

Teaching Assistant at CIMAT, Guanajuato
Statistical Inference 2015, 2016, 2017, 2018, 2019
Statistical Models 2017, 2018, 2019

10/2019

Workshop Depp Learning and Data Science, Guanajuato

05/2019

Probability and Statistics Seminar CIMAT, Guanajuato
Regression with missing data using random forests

07/2018

XXVIII Annual Conference of the International Environ-
metrics Society, Guanajuato

11/2017

Workshop Statistics Data Mining and Environmental Sci-
ences, Oaxaca

09/2017

I School of Data Science, Cuernavaca

01/2017

X Workshop on the Solution of Industrial Problems, Gua-
najuato
Warranty data analysis for the automotive industry

11/2016

I Symposium of Inference and Statistical Modeling, Gua-
najuato

01/2016

IX Workshop on the Solution of Industrial Problems, Gua-
najuato
Statistical consulting for the food industry

09/2015

XXX National Forum on Statistics, Acapulco

Computing Skills

Languages: L^AT_EX, Python, Julia, R, HTML, CSS

Languages

Spanish	Mother-tongue
Portuguese	Fluent
English	Fluent
French	Basic
Russian	Basic