Gabriela **Hernández Larios**
Data Scientist

📱 (+34) 684-333-260 | ✉ gabrielahrlr@gmail.com | ⌗ gabrielahrlr | in Gabriela Hernández Larios

I am a multidisciplinary person and a self-learner who is always looking for new knowledge and experiences. I am passionate about data, technology, and innovation. I love challenges and my focus is working on the development of algorithms and models to take the most advantage of data. I am also very interested in engaging and interactive data visualizations to transmit knowledge. I believe in the synergy among different areas of expertise towards a common end.

Work Experience

Data Mining and Machine Learning Intern
Barcelona Supercomputing Center
Feb. 2016 - Aug. 2016 📍 **Barcelona, Spain**
Keywords: Bioinformatics, Drug Discovery, Regression Models, Non Parametric Statistics.

VoIP & Unified Communications Engineer
ASLO Information Technologies
Sep. 2013 - Aug. 2014 📍 **Mexico City, Mexico**
Keywords: Databases backup and recovery policies, system administration, monitoring and reporting.

Teacher
SOPORTEC
Apr. 2013 - Aug. 2014 📍 **Mexico City, Mexico**
Keywords: Physics, Math, Statistics, Algebra.

Professor Assistant
Universidad Autónoma de Zacatecas
Aug. 2009 - Jan. 2012 📍 **Zacatecas. Mexico**
Keywords: Ubuntu, Platform maintenance.

Education

M.Sc. in Data Mining & Knowledge Management
**Erasmus Mundus Master Program -
Université Lumière Lyon 2**
Sep. 2014 - Sep. 2016 📍 **Lyon, France**
Average Grade: 16/20 (Mention Très Bien)

Master's Specialization in Relational Data Mining
Università degli Studi del Piemonte Orientale
Sep. 2015 - Feb. 2016 📍 **Alessandria, Italy**
Keywords: Information Retrieval, Numerical Machine Learning, Graphical Models, Image Data Mining.

Master's Specialization in Knowledge & Decision
École Polytechnique de l'Université de Nantes
Sep. 2015 - Feb. 2016 📍 **Nantes, France**
Keywords: Bayesian Networks, Advanced Databases, Data Visualization, Ontology & Semantic Web.

Undergraduate Exchange Student
Universidad Nacional Autónoma de México
Jan. 2012 - Jan. 2013 📍 **Mexico City, Mexico**

B.E. in Electronics and Communications Engineering
Universidad Autónoma de Zacatecas
Aug. 2008 - Jan. 2013 📍 **Zacatecas, Mexico**
Average Grade: 9.68/10

Extracurricular Activities

Volunteer of the "Keep Learning" Program
Hospital of Zacatecas
Jan. 2008 – Jul. 2008 📍 **Zacatecas, Mexico**

- Teach school concepts to children with cancer and other kind of illness.

Volunteer at the Summer Science Camp
Zig-Zag Interactive Science Center
📅 Summer 2010   📍 **Zacatecas, Mexico**

- Plan strategies to get children involved into science
- Taught science lessons in an easy-to-understand and attractive manner.

Advanced English Courses
HANSA Language Center
📅 Sept. 2007 - Jan. 2008   📍 **Toronto, Canada**

- Advanced English courses in grammar, writing and conversation.

Honors & Awards

Erasmus Mundus Joint Master Full Scholarship
Education Audiovisual and Culture Executive Agency
📍 **European Union**

Academic Excellence Award: Best Graduate Engineer
Asociación Nacional de Facultades y Escuelas de Ingeniería
📍 **Mexico**

Academic Excellence Scholarship
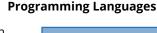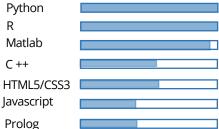**Consejo Zacatecano de Ciencia y Tecnología**
📍 **Mexico**

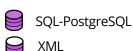Social Service Scholarship
Secretaría de Educación Pública
📍 **Mexico**

Skills & Competences

Programming Languages

- Python
- R
- Matlab
- C ++
- HTML5/CSS3
- Javascript
- Prolog

Databases

- SQL-PostgreSQL
- XML
- MongoDB
- CounchDB

Tools

- Excel
- TeX
- Git
- Tableau
- Lighthing
- Adobe Illustrator

Personal Strengths

- Goal Oriented
- Hard Working
- Teamwork Skills
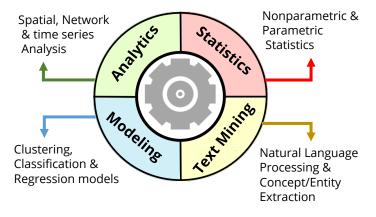- Verbal and written communication
- Creative Problem Solving
- Persistent

*Images taken from the Noun Project

Machine Learning

Analytics: Spatial, Network & time series Analysis

Statistics: Nonparametric & Parametric Statistics

Modeling: Clustering, Classification & Regression models

Text Mining: Natural Language Processing & Concept/Entity Extraction

Languages

- Spanish (Native) ●●●●●
- English ●●●●●
- French ●●●●○
- Italian ●●●○●

Interests

- Data Science
- Machine Learning
- Data Visualization
- Big Data
- Reinforcement Learning
- Deep Learning
- Web Development
- User Experience
- Research