

Jorge Barrios

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LinkedIn: <https://www.linkedin.com/in/jorge-barrios-phd-pd-s-mba-69951550/>

PhD - Professional Geoscientist License (PG) – Petroleum Geology / Geomechanics | Post Doc Researcher | MBA | PMP – PMI ACP | D&I Leader

An accomplished and business savvy professional with robust experience acquired over the years in delivering optimal results & business value. Diversity and Inclusion Leader solution driven and result oriented professional with over 20 years of experience in overseeing and completing projects. Skilled in setting project objectives, Strategies. Demonstrate the ability to share knowledge and mentoring with teams with different approaches. Waterfall and Agile experience.

~ **Classified as a National Interest Skills Research for U.S Government**

~ **US permanent resident**

Skill Areas: Strategic & Operations Planning ♦ Data Management

♦ Proposals ♦ Geosciences ♦ Data Research

♦ Process Improvement ♦ Strong Interpersonal Skills ♦ Analytical Skills ♦ Team Management ♦ Critical Thinking ♦ Problem-Solving ♦ Time Management ♦ Permitting ♦ Drilling best practices ♦ Innovation ♦ Leadership ♦ Management Skills ♦ Bilingual English / Spanish – basic French ♦ Tableau ♦ R ♦ SQL ♦ Microsoft Office

PROFESSIONAL EXPERIENCE

BATTELLE (Aug 2021 – Present)

Geoscientist Researcher/ D&I Embrace team leader.

- Involved in government and commercial projects exploring CO2 sequestration, EOR, and wellbore integrity. I work with seismic data, wireline logs, well records, and various other data sets.
- Responsible for reservoir modeling/analyses and uncertainty quantification to support CO2 sequestration projects in deep saline formations and depleted oil reservoirs.
- Geothermal – Hydrogen Energy group team leader

GEOKNOWLEDGE LLC (Aug 2020 – Present)

Director

- Responsible for consulting purposes for market research projects, predictive and prescriptive analytics for different industries
- Member of the Ohio Oil and Gas Education Program Evaluation Committee for the association's undergraduate and graduate student scholarship program
- Manage to solve complex problems by primarily leveraging the systems and tools currently available to the organization
- Mathematical, statistical and modelling concepts and research methods, including: learning curves and regressions.
- Awareness of technologies and challenged for developing carbon sequestration markets and supply chains.
- Civil projects, remodeling projects for commercial and residential customers.

PROSPANICA (Aug 2020 – Present)

Corporate relation board

- Corporate Engagement
- Business planner
- Strategy portfolio

ADVISORY ANALYTICS COUNCIL at Ohio State University (Oct 2020 – Present) Volunteer

External Advisor - D&I Committee Fisher College of Business

- Advancing the strategic initiatives of Fisher in order to develop the next generation of Business Analysts.

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- Vision for Business Analytics at Fisher.
- Understand Business case of the science of data analytics and its implication for business innovation, productivity and growth.
- Technical abilities around organizing and analyzing data. Strong Microsoft Suite skills
- An ability to represent the business to high-level managers, customers, and others key stakeholders in meetings and presentations.

UNIVERSITY RAFAEL BELLOSO CHACÍN (U.R.B.E) (Oct 2017 – May 2018)

Data Researcher – Data Scientist (postdoc)

- Collected data through means such as analyzing business results or by setting up and managing new studies
- Transferred data into a new format to make it more appropriate for analysis
- Created new, experimental frameworks to collect data
- Built tools to automate data collection
- Strong communication and effective team skills within multi-discipline organizations

UNIVERSITY OF ZULIA (Oct 2014 – Oct 2017)

Geology Professor – Research – Data Scientist

- Conducted as chairman section – Project Manager of International seminars and congress
- Coached and instructor focused on Petroleum Geologist courses for oil and gas companies
- Directed and managed Agile projects to develop geo-mechanical earth models
- Lecturer and Instructor of the Society of Petroleum Engineers SPE- United States / Latin America
- Develop an analytics techniques to manage subsurface uncertainties at the field and regional level

VENEZUELA PETROLEUM COMPANY (P.D.V.S.A) (Oct 2005 – Oct 2017)

Senior Geologist - Leader Geo-Scientists Team

- Lead scientist teams – Executed technical plans for more than 60 projects
- Technical advised – conducted more than 100 training courses for geosciences engineers
- Developed rock mechanics analysis for hydraulic fracturing, design, simulation, and execution
- Planned as a field operation engineer - 17 reservoirs developed, (conventional & unconventional) pore pressure, wellsite geologist, core analysis and core planning and operation, hydraulic fracture, well logs operation Offshore - Onshore

PROFESSIONAL DEVELOPMENT & CREDENTIALS

PMP Certification number 3020346 | Project Management Institute | Jun 2021

PMI-ACP Certification number 3010596 | Project Management Institute | May 2021

PG - Professional Geologist, License number 15154 | Texas Board of Professional Geoscientists | April 2021

Master Business Analytics, GPA 3.5 | The Ohio State University, Fisher College of Business | Aug 2020

Post Doctorate in Management of Science and Technology | University Rafael Bellosó Chacín | Aug 2018

(Ph.D.) Doctor of Science, Management, GPA 4.0 | University Rafael Bellosó Chacín | Mar 2018

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Master Science of Petroleum Engineering, GPA 3.9 | University of Zulia | Aug 2014

Diploma in Finite Element (Applied Mathematics), GPA 4.0 | University of Andes | Apr 2012

Diploma in Geo- Mechanics | Heriot-Watt University – NEXT | Apr 2011

Bachelor of Science Geology Engineering, GPA 3.5 | University of Andes | Apr 2005

Technical Associate Civil Construction, GPA 3.6 | Technological Institute of Ejido | Aug 2000

OSHA 40 Certification number 1809121246720 | Hazwopert Training 09/12/2018

OSHA 10 Certification number 36-006213042 | 360 Training 11/8/2018

Lean Six Sigma in Process | Project Management Institute 08/14/2021

Judge at Ohio Academy of Science, State Science Day, Engineering and Environmental

Judge at Ohio Oil and Gas Education and Scholarship Program

AAPG member to Preservation of Geoscience Data Committee or Education Committee.

SPE Lecturer - PMI Member Chair geomechanics

ARMA (American Rocks Mechanics Association) Vice Chair for CCUS and Hydrogen