



Julio Rodriguez Martino

Date of birth: 08-04-1971.

Telephone: +54-911-58065440

E-mail: julio.rodriguezmartino@gmail.com

Languages: English Advanced, Swedish Advanced, Italian Intermediate

SUMMARY

- 20+ years of experience in data analysis and visualization, focused on technology and business intelligence.
- Ability to communicate analytical and scientific results in a clear language, suited to decision-makers, highlighting possible actions and extracting value from data.
- Solid experience in managing multidisciplinary teams, local or geographically distributed.

EDUCATION

Ph. D. in Physics, Stockholms Universitet (Sweden), 2003

Licenciat in Physics, Stockholms Universitet (Sweden), 1999

Licenciado en Física, Universidad de Buenos Aires, 1997



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EXPERIENCE

EY, Jan 2019 – Present

Engineering Team Lead – Artificial Intelligence Client Technology

Managing a group of 80+ AI engineers, data scientists, developers and AI architects, distributed in 10 locations around the world.

EY, Jul 2019 – Dec 2019

Leader – CT Center for Artificial Intelligence | CT Technology Practice | Client Technology (CT)

Client Technology Global Centers for Artificial Intelligence aim to automate tasks, solve business problems and help the daily work of EY practitioners and clients around the world, by applying the most advanced Machine Learning and Artificial Intelligence techniques.

EY, Sep 2018 – Jun 2019

Artificial Intelligence & Machine Learning Architect | Global Delivery Services

- Serve as deep technical expert within AI & ML, available for ad-hoc consulting as needed
- Ensure to be up to speed on relevant developments, methods, capabilities, standards and best practices in these areas of expertise and educate the broader team accordingly
- Engage and align with peer teams across EY Technology who are stakeholders within these domains
- Manage standards, roadmaps and exceptions within these domains
- Help ensure that solutions delivered by the broader team that involve these domains are appropriate to the business context and of a suitable quality

Tools: Microsoft Azure, Databricks, Docker



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Practia Global (formerly Pragma Consultores), Mar 2017 – Sept 2018

Head of Data Science & Analytics

- Leading a multidisciplinary group, working in Data Science. Business Intelligence, visualizations and R&D
- Technical meetings with clients
- Training on data science methods and tools
- Technical job interviews for aspiring team members

Tools: SQL, R, Python, SAS, KNIME, QlikView

YPF / Y-TEC Jun 2017 – Dec 2017

Technical Leader – Data Science Hub

- Data Science group leader
- Technical meetings with clients
- Advice on new analytics technologies and tools

Tools: SQL, R, Python, SAS, KNIME, QlikView

Pragma Consultores, Sep 2016 – Feb 2017

Consultant

- Project Leader R&D, Data Science and Analytics
- Training sessions with clients

Tools: SQL, R, Python, SAS, KNIME



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AlixPartners Argentina, Mar 2014 – Sep 2016

Consultant – Applied Analytics

- Responsible for modeling complex problems, discovering insights and identifying opportunities through the use of statistical, algorithmic, mining and visualization techniques (BI)
- Work closely with clients to turn data into critical information and knowledge that can be used to make sound organizational decisions.
- Work with/lead geographically distributed virtual teams.
- Process, cleanse, and verify the integrity of data used for analysis
- Select features, build and optimize classifiers using machine learning techniques
- Data mining using state-of-the-art methods
- Extend client's data with third party sources of information when needed

Tools: SSIS, Excel (VBA), SQL Server, Redshift, PostgreSQL, R, Python, Tableau

RX Asesores, Sep 2012 – Sep 2013

Technical Manager – X and gamma-ray dosimetry

- Managed the laboratory staff
- Quality control of the dosimeter processing and data analysis
- Advised and trained dosimeter users about radiation and the correct use of dosimeters, resulting in less overdose cases and easier dose analysis
- Gave qualified advice to customers concerned about radiation exposure.
- Improved company's image by performing professional measurements involving radiation and shielding.

Pierre Auger Observatory, Jan 2005 – Sep 2012

Science Operations Coordinator

- Managed the local staff (telescope operation and maintenance)
- Trained scientists from 20+ countries on data acquisition
- Data QA
- Text analytics to process log files and discover/solve problems
- Reported on telescope operation to the international scientific collaboration
- Outreach



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Polopoly AB (Sweden), Sep 2000 - Aug 2003

Web analytics - Java developer - Web developer

- Design and implementation of a data analysis, collection and display system, for detailed study of user behavior when browsing different sites (Data mining / Web analytics)

TEACHING EXPERIENCE

- Professor, "Data Science", Acamica, online course
- Professor, "Neural Networks with Python", CPE, Montevideo, Uruguay
- Professor, "Toma de Decisiones Basada en Datos", Escuela de Negocios, Universidad Torcuato Di Tella, 2018
- Professor, "Machine Learning", Master in Management + Analytics, Universidad Torcuato Di Tella, 2018
- Guest speaker, "¿Cuánto cuesta hacer analytics?", Jornadas de Inteligencia Analítica del Uruguay, 2017
- Professor, "Analytics 4 Management", Instituto CPE, Uruguay
- Open lecture, "Lo que nos cuentan los datos: Big Data y su uso en marketing", Escuela de Negocios, Universidad Torcuato Di Tella, 2017
- Guest speaker, "Desafíos y buenas prácticas en la implementación de Modelos Analíticos", Primeras Jornadas de Inteligencia Analítica del Uruguay, 2016
- Professor, Physics I and II, (Mechanics, Electromagnetism, Thermodynamics) - UNCuyo, Mendoza, 2009 - 2010
- Guest speaker, "Aspectos técnicos del Observatorio Pierre Auger" - IAR - UNLP, 2010
- Guest speaker, Cosmic Ray International Seminar on "100 years of Cosmic Ray Physics: from Pioneering Experiments to Physics in Space", "Operation of the Pierre Auger Observatory", Università di Catania, Italy
- Guest speaker, "The Fluorescence Telescopes of the Pierre Auger Observatory", USP, Brazil, 2007
- Guest speaker, INFN - Dipartimento di Fisica e Astronomia, "Pierre Auger Observatory: Status and first results", Università di Roma, Italy
- Professor, Electronics Lab, UBA, 1997
- Laboratory 4 (Modern Physics), UBA, 1996
- Laboratory 3 (Electricity and Magnetism), UBA, 1995



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COURSES

- Machine Learning Summer School, Universidad Torcuato Di Tella, 2018
- Design Thinking, ITBA, 2016
- IT Project Management, UBA, 2016
- Oratory, Marcos Mazzocco, AlixPartners, 2015
- Management of Virtual Teams, AlixPartners, 2015
- Forensic datamining, AlixPartners, 2105