



Sebastian Lopez Mesa

DATA ENGINEER & SYSTEMS ANALYST

PROFILE

Creative professional, passionate about details and design.
Eager to implement new projects with the best available technologies.

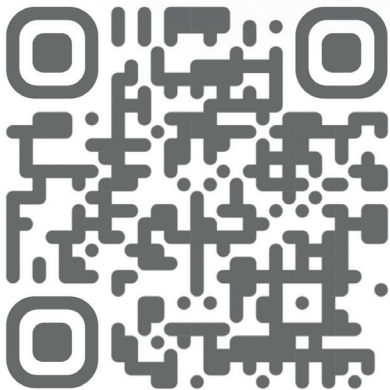
INFO & CONTACT

Born 05/13/1992

ID 36.769.301

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WORK EXPERIENCE

DATA ENGINEER @ YPF

July 2022 - Present

Data Engineer focused on R&D for the Energy Industry, particularly YPF.

We design and deploy Cloud and on-premise architectures to support Data Science activities, taking data from source to visualization.



DIGITAL RESERVOIR SPECIALIST @ YPF

June 2019 - July 2022

CO-FOUNDER & DIRECTOR @ Tiper

April 2018 - February 2019

Live your community like never before, get the most out of everything around you.

Tiper takes you further, faster and better. Social Life, Re-imagined.



FRONT END DEVELOPER @ PATAGONIAN TECH

August 2017 - March 2018



DEVELOPED PROJECTS



Application designed to manage training prior to the race, with interactive GPS tracking of free practice sessions and circuits pre-set



MBODY360 is a complete health and wellness coaching platform that connects professionals with their patients and clients in time actual for best results.



Virtual Flow (FT-Virtual): Flow inference and calculation of states production of a well with the use of production controls
Historical and basic telemetry. Used in "Smart Fields: Analysis predictive liquid charge in upwelling wells".

EDUCATION

UAI - INTERAMERICAN OPEN UNIVERSITY

University Programmer Analyst

Average: 7.8125

A.M.E.N SCHOOL

Secondary Degree Accounting Bachelor

WORKSHOPS & CERTIFICATIONS

- FLISOL. "Festival Latinoamericano de Instalación de Software Libre"
- Workshop Google - Cloud Plataform "Desarrollando en la Nube" 25/04/2014
- Workshop Microsoft - TecNap "Productividad en la Nube" 06/11/2014
- OWASP LATAM TOUR 2015 - "Open Web Application Security Project" 10/04/2015
- Workshop Redes TICs - "Soluciones con un salto de calidad" 11/03/2016
- OWASP LATAM TOUR 2016 - "Open Web Application Security Project" 15/04/2016
- C.E.S 2017 - "Consumer Electronic Show" Las Vegas, Nevada 05/01/2017
- Workshop Ciberseguridad - "Tendencias globales y perspectivas tecnológicas" 26/04/2017
- Google Launchpad Start - "Product Strategy & Diagnostico de Retos" 05/06/2017
- Patagonian Conf - "Arquitecturas IT de mision critica" 26/10/2017
- Osisoft - "Building PI System Assets and Analytics with PI AF (Español)" 01/10/2019
- Osisoft - "PI System Administration for IT Professionals (Español)" 08/10/2019
- Fundación Telefónica Movistar - "Curso Ciberseguridad" 30/07/2020

<https://drive.google.com/open?id=0B3ixBzshzVV6U3hOOG85dFlwOEK>



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DATA ENGINEER & SYSTEMS ANALYST

SKILLS

Pipeline Deployment



Database design



ETL process builds



SOCIAL



www.facebook.com/seba.lopezmesa



www.twitter.com/SebaLopezMesa



www.linkedin.com/in/sebastianlopezmesa/

LANGUAGES

SPANISH

LENGUAJE NATIVO

ENGLISH

FULL PROFESSIONAL PROFICIENCY (AVANZADO)

TOOLS & LANGUAGES

Operating Systems: Windows - MacOS - Linux

Python: NumPy - Pandas - Seaborn - Matplotlib - Plotly- Scikit Learn - TensorFlor -Spark

Anaconda: Jupyter Notebooks - Spyder

Java: NetBeans - Eclipse - IntelliJ IDEA

Android: IntelliJ Android Studio

Front End: HTML5 - CSS - JavaScript

Frameworks: JQuery - Ajax - React

Databases: MS SQL - MySQL - SQLite

Azure Cloud: Azure SQL - Azure Cosmos DB - Azure Synapse Analytics - Azure Blob Storage

Business Intelligence: PowerBI

Version Control: Atlassian BitBucket - Atlassian Sourcetree - GitKraken - Azure DevOps

Team Work: Slack - Atlassian Jira - Redmine - Microsoft Teams

Osisoft PI System: PIWebApi - PIVision - ProcessBook - ICU - SMT - SDK - OLEDB

Popular Software: Adobe Creative Suite - Microsoft Office Suite

REFERENCES

LINKS



Insite, the social network created by Neuquén students

Shows and informs what happens in real time in a range that goes up to 250 kilometres. It is now available. Next January, the creators travel to the United States to present it.

<http://www.rionegro.com.ar/neuquen/insite-la-red-social-creada-por-estudiantes-neuquinos-YG1769375>



Neuquinos created a social network with GPS

Is unique in the world. It is used in cell phones and notifies what is happening near the user.

<https://www.lmneuquen.com/neuquinos-crearon-una-red-social-gps-n535063>

PEOPLE



Martin Garriga • 1st
Lead Data Engineer at YPF -- PhD. In
Computer Sciences
Argentina



Daniel Armagno • 2nd
Jefe de Ciencia de Datos CoE Data
& Analytics YPF / Head of Data Sci...
Argentina