

Julio Zambrano

Customer Experience Engineer
Specialized in AI, Cloud Computing, Data Science and Machine Learning

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PROFESSIONAL SUMMARY

As a Mechatronics Engineer specializing in Machine Learning, Artificial Intelligence, and Data Science, I bring over 15 years of diverse international experience from Mexico, Canada, Italy, and Austria.

I take pride in translating intricate technical concepts into actionable solutions, enhancing team capabilities, and driving project success. My journey across different cultures has enriched my approach to problem-solving and collaboration, fueling my passion for innovation in the ever-evolving field of AI and data technology.

EXPERIENCE

MOSTLY AI, Remote - Customer Experience Engineer

March 2022 - PRESENT

Cloud computing (AWS + Azure + Google Cloud Platform): Architected infrastructure for deployment on the customer's environments.

Standardized deployments of the Generative AI application to achieve Product-Lead-Growth.

Instructed users and colleagues on how to use, deploy and troubleshoot the application on Kubernetes and OpenShift.

jzambrano.xyz, Remote - Machine Learning Engineer | Freelance

August 2020 - March 2022

Collected and documented users' requirements and developed logical and physical specifications.

Researched, evaluated and synthesized technical information to design, develop and test computer-based systems.

Cloud computing (Azure + Google Cloud Platform): monitoring, report automation (budget and availability), cost management, virtualization + containerization, Machine Learning + AI (H2O + Tensorflow).

Key Achievements, Conference papers:

Cuéllar-Hidalgo, Guerrero-Zambrano, et al. [LUC at ComMA-2021 Shared Task: Multilingual Gender Biased and Communal Language Identification without using linguistic features](#).

18th International Conference on Natural Language Processing:
Shared Task on Multilingual Gender Biased and Communal Language



SKILLS

AWS, Azure, Google Cloud, Kubernetes, OpenShift

Linux, Windows, MacOS

Data Analysis, Problem solving, Teamwork

Content writing, Communication

SELECTED CERTIFICATIONS

[AWS Cloud Quest: Data Analytics](#)

[AWS Cloud Quest: Machine Learning](#)

[AWS Cloud Quest: Solutions Architect](#)

[Google Cloud Fundamentals: Core Infrastructure](#)

[Implement DevOps in Google Cloud](#)

[Kubernetes Fundamentals](#)

LANGUAGES

English: C1 Certificate
Portuguese: C1 Level
Italian: B2 Level
German: B1 Certificate
Spanish: Native

Identification. December 2021. Silchar, India.

Julio de Jesús Guerrero-Zambrano, Gerardo Reyes-Salgado. [Comparison of Machine Learning Algorithms for the Preventive Diagnosis of Robotic Arms for Palletizing.](#)

CINIAI 2021, Congreso Internacional de Inteligencia Artificial e Industria 4.0. November 2021. Jalisco, Mexico.

CENIDET, Cuernavaca, MX - Junior Machine Learning Engineer | Internship

February 2021 - October 2021

Developed data and process models to optimize architecture and to evaluate the performance and reliability of designs

Cloud computing (Azure): monitoring, report automation (budget and availability), cost management.

Key Achievement: Development of a Machine Learning model for preventive maintenance for robotic arms for palletizing (cobots).

ICS Digital, Remote - Web Content Writer - Copywriter (ES, PT)

September 2017 - March 2022

Conceived and wrote material for online publications

Conducted research to establish factual content and to obtain other necessary information

Studied and determined selling features of products and services and wrote text for advertisements.

Octorate, Rome, IT - Sales and Support Manager (America)

October 2016 - July 2017

Planned, directed and evaluated the activities of the sales department for America (US, Canada, Caribbean and Latin America)

Lead terminological research for the preparation of glossaries, documentation and knowledge bases.

Key Achievement: Lead the company to boost-start the sales of the software outside of Europe, achieving contracts with multiple clients in Mexico, Canada, the US, Brazil, Chile, Peru and Argentina.

EDUCATION

Instituto de Ingenieros de Morelos, Cuernavaca, MX — *B. Eng. - Mechatronics*

September 2018 - December 2021

Top of the class: Final grade 9.5 out of 10.

Colegio de Bachilleres, Mexico City, MX — *Informatics Technician Diploma*

September 2003- July 2006