

- Luis Galo **BARAHONA ARROYO** -

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Nationality : Spanish
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→ **OBJECTIVE:** To settle my career in the field of energy at its industrial and international side.

PROFESSIONAL EXPERIENCE_

- **2.013- Present: Process Engineer (Commercial dept. and quality manager) at LEGORIZA / CARDILES OIL CO. (KURATA SYSTEMS).**
Functions and activities:
 - Quality department and control process laboratory manager.
 - Pyrolysis reactor and dehydration unit flow rate and performance yield optimization. Operation plant (SCADA).
 - Technical Support in commercial labors and contact with international investors. Engineering department.
 - Active participation in the design (I&C). Implementation and commissioning of the reformed facilities. P&IDs modification.
 - Safety bunds at the storage yard works execution.

- **2.009-2.013: Industrial facilities and laboratory Technician at Laboratory of Fuels and Petrochemicals Products at Tecnogetafe.**
Functions and activities:
 - Desulfurization and refining systems development, of the obtained middle distillate products, at residues energy recovery facilities.
 - Hydrocarbon double walled tanks sealing tests, according to the UNE 13 160-7 (API and ASME Normative).
 - Liquid fuels, coal, biomass and oil lubricants analytical characterization, and technical reports of the same.
Trained to conduct tests according to internal ENAC accredited quality system.
 - Technical visits to *solar thermal* facilities for the thermal fluids sampling and analysis into R&D projects.
 - Practice tutor for the French Petroleum Institute, Polytechnic University of Madrid and School of Mines of Linares.

LANGUAGE AND COMPUTER_

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| - Spanish: Mother tongue. | - English: fluent (spoken, read, written). |
| - Français: Débutant. | → Computing: Managing Aspen Plus, MS Office, AutoCAD, Maple. |

ACADEMIC BACKGROUND_

- **2.013: Course** imparted by **AMBIENTUM** → «Soil and water hydrocarbon-polluted treatments»; Cuore « Study of the different alternatives and legislation, concerning to the soils and effluents pollution ».
- **2.010: Course** imparted by **CEPSA** → «**Lubricating oils**»; offered at the school of Mines, Madrid (UPM). Cuore: « Technical study of the ranges, properties and applications of lubricating oils ».
- **2.010: Course** imparted by **Repsol-YPF** → « **Engineering of Oil and Natural Gas** »; offered at the school of Mines, Madrid (UPM). Cuore: «Increased knowledge of fields *downstream* and *upstream* ».
- **2.009:** Final project: « **Antinock additive effect on the induction period gasoline by examining oxidation stability** ». Rating: 10/10.
- **2.006:** « Tech Mining Engineer Specialized in Energy, Fuels and Explosives ». School of Mines, Madrid (UPM).
- **2.000:** « Andover Academy » (Boston, MA. - USA). English immersion.

OTHER INTERESTS & HOBBIES_

- **Sports:** Cycling, hiking and swimming.
- **Music:** I like music and play guitar.
- **Travel:** Looking to gain international experience: Ability to promote teamwork, passionate curiosity and loyal to the effort. Entrepreneur and positive attitude.
- **Others:** I'm a resolute, capable and laborious person.

✓ **Absolute availability to work abroad!**