



# Alvaro Díaz Falconi

Versatile person with a great capacity for learning. I have extended experience in the planning, execution and supervision of what is planned through the coordination and participation of the entire team demonstrated in the petrochemical industrial sector and in training and teaching tasks.

## Contact

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- <https://razonar.github.io/>

## Personal Data

Nacimiento 01/03/1965  
C.I. 1 544 264 - 7  
UDELAR Electrical engineering  
(2 years)

## Professional Certifications

- Labor competence certification  
*Impartición de cursos presenciales*
- Schneider certification *Energy Efficiency Fundamentals for Industrial Automation & Control Professionals*
- FLUKE certification *Electrical Measurement Safety Program*.
- FLUKE Biomedical certification  
*Medical Device Quality Assurance*
- LearnQuest *Scrum Master Certification*
- IBM *Applied AI*
- IBM *z/OS Mainframe Practitioner*
- IBM *Mainframe Developer*
- IBM *Full Stack Software Developer*

## Languages

Spanish	Native
English	100 %
French	70 %
Portuguese	70 %

Committed to each of the tasks that I have accepted, after having worked for 10 years at the *Hospital Sanatorio Español*, I migrated to Mexico in 2000, where I perform work management tasks and study of maintenance projects and design of mechanical structures, Later, I joined teaching to be a Mechatronics Engineering coordinator and giving training courses to technical personnel of petrochemical plants. I return to Uruguay in 2021, from where I taught online classes.

## Work experience

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| • Supplier's payment manager, Hospital Sanatorio Español.  | 1990-2000 |
| • Tutorial teacher in high school maths and physics        | 1995-2021 |
| • Systems Manager at REAL-SCENE, advertising agency.       | 2001-2003 |
| • Mechanical build direction and design at CYMUSA SA.      | 2002-2007 |
| • Industrial Safety Advisor at RHODIA                      | 2005-2006 |
| • Mechatronics coordinator, Escuela Superior de Ingeniería | 2009-2016 |

## Teaching experience

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| • Teacher, Escuela Superior de Ingeniería, ESI      | 2016-2021 |
| • Coordinador de Ingeniería Mecatrónica, ESI        | 2009-2016 |
| • Workshops for teachers from UV, CBTIS and CETIS   | 2007-2012 |
| • Bachelor's and Master's Degree Thesis Counseling  | 2007-2016 |
| • Private courses, high school and university level | 2004-2021 |

## Recent courses and memberships

- ISA member, [International Society of Automation](#)
- Miscellaneous courses about [Mechanical](#) and [Electrical engineering](#)

## Specializations - links to online certificates

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| <ul style="list-style-type: none"><li>• Microsoft<ul style="list-style-type: none"><li>- <a href="#">Microsoft 365 Fundamentals</a></li></ul></li><li>• Analytics Software &amp; Solutions<ul style="list-style-type: none"><li>- <a href="#">SAS Programmer</a></li></ul></li><li>• Amazon Web Services<ul style="list-style-type: none"><li>- <a href="#">AWS Fundamentals</a></li><li>- <a href="#">DevOps on AWS</a></li><li>- <a href="#">App Dev with Node.js on AWS</a></li><li>- <a href="#">App Dev with NET on AWS</a></li><li>- <a href="#">App Dev with Python on AWS</a></li></ul></li><li>• LearnQuest<ul style="list-style-type: none"><li>- <a href="#">Core Java</a></li><li>- <a href="#">Oracle SQL Databases</a></li><li>- <a href="#">Test Driven Developer</a></li></ul></li><li>• The Linux Organization<ul style="list-style-type: none"><li>- <a href="#">OSS Dev, Linux and Git</a></li></ul></li></ul> | <ul style="list-style-type: none"><li>• IBM<ul style="list-style-type: none"><li>- <a href="#">Key Technologies for Business</a></li><li>- <a href="#">Introduction to Data Science</a></li><li>- <a href="#">DevOps, Cloud, and Agile Fund.</a></li><li>- <a href="#">Cloud Application Development</a></li></ul></li><li>• John Hopkins<ul style="list-style-type: none"><li>- <a href="#">Data Science</a></li></ul></li><li>• Colorado Boulder University<ul style="list-style-type: none"><li>- <a href="#">Statistical Thermodynamics</a></li><li>- <a href="#">Embedding Sensors and Motors</a></li><li>- <a href="#">Computer Communications</a></li></ul></li><li>• Imperial Collage London<ul style="list-style-type: none"><li>- <a href="#">Math for Machine Learning</a></li></ul></li><li>• Stanford University<ul style="list-style-type: none"><li>- <a href="#">Algorithms</a></li></ul></li><li>• Vanderbilt University<ul style="list-style-type: none"><li>- <a href="#">MATLAB Programming</a></li></ul></li></ul> |
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