

ALEJANDRO POZO ARRIBAS

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Education

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| Ph D. Candidate in Electrical Engineering Illinois Institute of Technology, Chicago, Illinois. Advisor: Dr. Mahesh Krishnamurthy | Aug 2010 - Aug 2011 |
| Professional Masters Electrical and Computer Engineering Illinois Institute of Technology, Chicago, Illinois. GPA: 3.62/4.0 | Aug 2010 - Aug 2011 |
| Bachelors Industrial Engineering with specialization in Electrical Engineering Technical University of Madrid, Madrid, Spain GPA: 8.1/10 | Sept 2005 – June 2010 |
| Scholarship for University Excellence Technical University of Madrid, Madrid, Spain | June 2005 |

Experience

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| SAICA, Zaragoza, Spain Electrical Maintenance Engineer <ul style="list-style-type: none">Managed annual investments for factory upgrades/extensions. Coordinated suppliers and contractors to meet deadlines, maintaining safety, quality and environmental standards.Defined new maintenance tasks and keep track of existing ones. Corrective, preventive and predictive routines.Planned scheduled shutdownsContinuous improvement of efficiency for a wide variety of equipment: power transformers, HV/MV/LV switchgears, Inverters, Paper Machine sectional drive and Winder. | April 2012 – July 2013 |
| Telefonica S.A., Madrid, Spain Engineer at Department of Engineering of Access Network <ul style="list-style-type: none">Coordinated Telefonica's OLT suppliers for Access Network equipment in fiber optics systems (FTTH).Elaboration of the Installation Guide for the Huawei MA5600T OLT access platform according to the company's standards. | Dec 2011 - April 2012 |
| ESDRAS Automática, Las Rozas, Spain Internship <ul style="list-style-type: none">Collaborated in the design of a MV switching cell using vacuum conditions for wind turbines with CATIA V5 software. | April 2010 - June 2010 |
| Technical University of Madrid, Electronics Department, Madrid, Spain Research Assistant <ul style="list-style-type: none">Contributed to the construction and testing of a DC/DC converter for application in avionics.Research and analysis of different resonant topologies for induction heating. | Sept 2008 - Feb 2010 |

Skills

Computer Proficiency:

- CATIA V5
- ORCAD PSpice
- AutoCAD
- MATLAB and MATLAB Simulink
- Microsoft Office (Word, Excel and Power Point)

Excellent skills in solving mathematical and technical problems.
Experience in professional relationships and negotiations with suppliers.

Languages

Bilingual Spanish and English.

Awards/Activities

- Coordinator and ski instructor at "Club Esqui y Snow Tres Cantos" (2008-2009).
- Indoor soccer coach and referee at "Asociación Cantera Deportiva Tres Cantos" (2004-2008).
- Athletics: Cross country and track and field (1.500 and 800 meters) with attendance to the Spanish National Championships in various occasions (2004,2005, 2006, 2008, 2009).