

Dario J. Rivera-Rosero  
Sr. Project Engineer

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Club X  
Ciudad de Panamá  
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## Objectives

To significantly enhance the company's value, performance and results by using concepts for establishing goals, implementing standards, quality and service improvement .

## Summary

Engaged professional with significant accomplishment in large scale Project, Customer Service and operations. A problem solver who has successfully guided turnaround situations.

## Technical Summary

MS Project 2010	Siemens WinCC flexible 2005	Eagle 4.0
MS Office	Siemens ProTool v6.0,	Visual Studio 2005
Autodesk Design Review	Siemens Starter	C#, C
E-Drawing	Matlab/Simulink,	CLMS2, CLSM3
Siemens Simatic S5	MathCad	
Siemens Simatic S7	MS Visio	

## Profesional Experience

### Proyect de Panama S.A

#### **Sr. Project Engineer**

04/2013  
Ciudad de Panamá, Panamá

- Office Coordinator of PROYECT de PANAMA S.A. a subsidiary of the Grupo Proyect office sales management
- Promotion of the different products and brands the Grupo Proyect represents in the region
- Industrial Project in the Food and Beverage Industry
- Commercial Project with Water Heat Pumps and Cooling Towers

### SGL Carbon Sdn. Bhd.

#### **Sr. Project Engineer (Electrical and Automation)**

01/2010 — 01/2012  
Banting, Malaysia

- Responsible in the area of Electrical and Automation Engineering for the Green Field Graphite Electrode and Cathode Plant focus on the Forming Project.
- Directed towards the successful design, construction, commissioning and start up of the project.
- Utilized the existing knowledge within the SGL Carbon worldwide to develop the best solutions for projects technical requirements in compliance with industry, company and regulatory standards.

- Provided advise on integration of all product line technical aspects including software, hardware, electrical and mechanical disciplines and ensured all options were properly evaluated and decisions taken with results in a state of the art facility in the most cost effective and highest quality within the industry.
- Provided guidance, coordination and support the engineering and maintenance group involved in the project so that defined objectives were met or exceeded with special emphasis on timing and cost control
- Involved in the electrical and automation design of all phases of the Forming Project.
- Directed, Coordinated and Oversee the on site electrical and automation engineering activities.
- Participated in project review meetings, actively involved in the analysis and resolution of any concerns and major design decisions, specifications, equipment selection, etc.
- Involved in the design and selection of contractors for the electrical installation of the Sagger Handling System Project.
- Supported commissioning and start up activities of the Regenerative Thermal Oxidizer Project
- Supported commissioning and start up activities of the Pitch Impregnation Project
- Evaluated experience and skills levels of people hired to support and assist the project
- Trained and developed other engineering personnel for the ongoing, long term operation of the Banting Plant.

#### Kraft Energy Systems, Inc.

#### **Customer Service Engineer for the North American Market**

10/2004 — 06/2009  
Fort Worth, TX, USA

- Involved in the operation, maintenance and on-site repair activities to obtain optimum utilization of Accelerated Concrete Curing Systems
- Evaluated field installations and recommended design modifications to eliminate machine or systems malfunction
- Worked closely with customer or customer's representative to assure a trouble free installation and operation
- Communicated with German based personnel.
- In house Customer Service and part sales and Management of customer service requirements
- Modified and Optimized Control SW with Simatic Step7 und Process Visualization with WinCC flexible 2005 and ProTool 6.0
- Developed software for a flexible process value visualization and data logging Tool in C#
- Company Certification for Open and Enclosed Industrial Control Panels with MetLab Industrial Control Panel Program (with flame control option)
  - UL 508A Safety for Industrial Control Panels Industrial Panel
  - CSA 22.2 14-05 Industrial control equipment
- Safety Certification of the Vapor Generator Family under
  - UL:73 (Motor Operated Equipment)
  - CSA 22.2 No 68 (Motor Operated Equipment)
  - UL795 (Gas Burner Component)
  - CAN/CSA-B149.1, (Natural Gas and Propane Installation Code)

#### Lumatec GmbH

#### **Internship in the Development Department**

9/2003 — 8/2004  
Deisenhofen, Germany

- Assisted in the Planning, Development, Prototype designs as well tested of:
  - UV-Light Sources for forensic research in co-operation with the Munich Criminal Investigation Department

- UV-Light Sources for the non-destructive Material Testing

**Siemens Transportation Systems**

**Internship**

7/2002 — 12/2002

Erlangen, Germany

- Assisted the team with the further development from the Drive Control Simulation Software of Railway Drives
  - Simulation from a pulse-width modulated drive for the power supply of Asynchronous machines
  - Simulation of railway supply and overhead contact line
  - Simulation of net-sided supply circuit of the rail vehicle, e.g. various line filters, pre-charging circuits, monophasic 4-Quadrant choppers
  - Development of a visualization tool for signal display under Matlab

**Faculty Mechanical Engineering TU München**

**Internship Department of Process Engineering**

6/2002 — 7/2002

Munich Germany

- Programmed Microprocessor for the Laboratory Experiments (PID Controls)

**OTESA, S.A.**

**Internship in the Industrial Automation Department**

2/1997 — 08/1997

Guayaquil, Ecuador

- Assisted the Team in the development of a turnkey project for the modernization of a machine for the production of cans by the Company [FADESA](#), Ecuador
- Co-ordination of the power and control wiring with the customer technicians
- Functional testing of the in house build control cabinets without the machine
- Part of the programming of the Siemens Master Frequency Drive
- Part of the programming with Siemens STEP -5
- Training of the customer technicians
- Co-ordination of error diagnostics with the customer technicians
- Correction of electrical drawings

**CIRELEC, S.A.**

**Internship**

01/1993 — 03/1993

Guayaquil, Ecuador

- Electronic Workshop

**Crown Cork del Ecuador**

**Internship**

01/1992 — 02/1992

Guayaquil, Ecuador

- Mechanical Workshop

## Education

- [UC Berkely Extension Project Management](#)  
X471.9 Project Planning and Control 10/2012  
X470 Project Management 08/2012
- [Project Management Institut](#) 07/2009  
Fundamentals in Project Management
- [Technische Universität München](#) 08/2003  
Munich, Germany  
Dipl.-Ing. Univ. in Electrical Engineering and Information Technology with specialization in  
Automation Technology  
US Equivalence: Bachelor and Master of Science in Electrical Engineering and Information  
Technology (MS)
- [Escuela Superior Politécnica del Litoral \(ESPOL\)](#) 1994 — 1997  
Guayaquil, Ecuador  
Basic Study at the Faculty of Electrical Engineering
- [Deutsche Schule Alexander von Humboldt](#) 1982/1994  
Guayaquil, Ecuador  
Technical Diploma High School Graduate in Industrial Science Special Branch in Electro- and  
Metal-Technique

## Languages

- Spanish native
- German fluent in written and spoken
- English fluent in written and spoken

## References

References available upon request