Gabriel de la parra

Electrical Engineer · Computer Scientist

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Education

MSc. Computer Science
Universidad de Chile
Chile
2015 - Present

MSc. Electrical Engineering
Automation and Control
Technische Universität Dresden
Germany
2010-2011

MSc. Electrical Engineering
Process Automation
Universidad de Santiago de Chile
Chile
2007-2009

BSc Electrical Engineering
Universidad de Santiago de Chile
Chile
2004-2007

Computer Skills

Programming
C#, Java, LaTeX, HTML/XML, XAML/WPF, MVVM, Trello, Github, Sharepoint, SQL, EPPlus, Office Interop, OpenXML, AForge.Net, Matlab, VBScript, Assembler,

Office
Word, Excel, PowerPoint, Visio, VisualStudio, Access, Project

Languages

Spanish

English

German

Professional Experience

Research and Development Engineer
ABB S.A. • 2013 - Present • Chile
Power System Substation Automation, Protection and Control Division

Software Tools for Quality & Productivity Improvement
Substation Electrical Drawings
Project Documentation
IEDs Configuration
SCADA Configuration
Team IT Infraestructure Productivity

Hardware Devices for Testing Productivity Increase
Binary Input Interface
SwitchGear Primary Equipment Simulators

Global Products and Technologies Key User
Zuken's E^3 Series
ABB Internal CyberSecurity

Project Engineer
ABB S.A. • 2011 - Present • Chile
Power System Substation Automation, Protection and Control Division

Projects Responsabilities
Control and Protection Schemes design and development
Substation's Electrical Drawings Design and Draft
Project Documentation design and development
Control and Protection Series IEDs configuration
Technical meetings with customers

Research and Development Intern
Parker Hannifin GmbH • 2010 - 2011 • Germany
Europe's SensoControl R&D Division

USB - IOLink interface prototype
Circuit/PCB design, construction and testing
System Design based on the IOLink Standard
Hardware and software design, construction, programming, testing
LABView interface design and programming for device's production chain
Prototypes HMI simulators design and develpment for analysis and testing

References

Ronald Valdés
Product Group Manager Chile
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Rafael Pedrucci
PSAC Hub Manager Latam
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