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

Office

Word, Excel, PowerPoint, Visual-Studio, Visio, Project

Languages

C#, Java, LaTeX, HTML/XML, Matlab, VBS, Assembler

Professional Experience

Research and Development Engineer

ABB S.A. ● 2013 - Present ● Chile

Power System Substation Automation, Protection and Control Division

Substation Electrical Drawings Automation Tools

Project Documentation Automation Tools

IEDs Configuration Automation Tools

SCADA Configuration Automation Tools

Team IT Infraestructure Productivity Tools

Project Engineer

ABB S.A. ● 2011 - Present ● Chile

Power System Substation Automation, Protection and Control Division

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 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.

COM Wrappers for unmanaged C libraries.

LABView interface design and programming for device's production chain.

Prototypes HMI simulators design and develpment for analysis and testing.

Project documentation.