

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, L^AT_EX, HTML/XML,
Matlab, VBS, Assembler, SQL,

Office

Access, VisualStudio, Visio,
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

Automation Tools for Productivity Improvement

Substation Electrical Drawings

Project Documentation

IEDs Configuration

SCADA Configuration

Team Infrastructure Productivity

Project Engineer

ABB S.A. • 2011 - Present • Chile

Power System Substation Automation, Protection and Control Division

Projects Responsibilities

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.

COM Wrappers for unmanaged C libraries.

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

Prototypes HMI simulators design and development for analysis and testing.

Project documentation.