

# MARCELO SCATOLIN QUEIROZ

MECHATRONICS ENGINEER | DATA SCIENTIST

## PROFILE

Originally from Brazil, I'm an engineer whose curiosity ranges from simple machinery to human nature.

My life purpose is to find out how to collect, analyze, understand and deploy data to unlock user's full potential.

## SKILLS

- Industrial process analysis
- Process control design
- Control systems integration
- Distributed Control System (DCS) data collection and integration
- Backend data wrangling tools (Message Queues, SQL, Hadoop)
- Front end visualization tools (HTML, Python, R)
- KPIs assessment and visualization
- Agile project management (JIRA, Confluence)
- Customer relationship and expectation management

## EXPERIENCE

### REGIONAL MANAGER • ANDRITZ INC

MARCH 2018 ~ PRESENT • ALPHARETTA, GA, USA

Management and technical support for 5 contracts, totaling a 3 MMUSD budget and 6.5 MMUSD in process savings.

- Startup 4 projects in 4 different states.
- Manage 2 local engineers per mill and a 15+ engineers pool.
- Provide technical support on process control design and commissioning.
- Support on HR hiring processes.
- Report key performance indicators to global lead team.
- On-site customer's team lead relationship.

### OPTIMIZATION SPECIALIST • ANDRITZ INC

FEBRUARY 2016 ~ FEBRUARY 2018 • ALPHARETTA, GA, USA | PORTO ALEGRE, RS, BRAZIL

Technical support for our division growth in North America.

- Identified, designed and deployed optimization tools/controls in 6 different mills in Brazil and USA, including the 2 largest pulp production lines in the world.
- Setup hardware and network troubleshooting for data analytics tools and advanced process control integration.
- On-site customer operational team relationship.
- Selected for company's Key People, Leader's Academy and Walk the Talk programs.

### OPTIMIZATION ENGINEER • SINDUS ANDRITZ

AUGUST 2012 ~ JANUARY 2016 • TRES LAGOAS, MS, BRAZIL

On site Advanced Process Controls engineer and Data analyst

- Developed Advanced Process Controls (APC) for pulp and paper industry accumulating roughly 10 MMBRL in savings without capital investment.
- Analyzed data from multiple systems (SAP, PIMS, DCS).
- Configured and maintained proprietary software for industrial data analysis since version 1.0 (ANDRITZ Metris IoT).

### AUTOMATION AND CONTROL INTERN • FIBRIA

DECEMBER 2011 ~ MARCH 2012 • TRES LAGOAS, MS, BRAZIL

Supported automation engineers on routine DCS tasks (overrides, alarm management and DCS communications to external platforms).



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# MARCELO SCATOLIN QUEIROZ

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## OTHER INTERESTS

- Farming
- Futurism, future of work
- Novel business models
- Technology
- Outdoor and water sports

## LANGUAGES

- Portuguese: Native
- English: Fluent
- Spanish: Intermediate

## EDUCATION

### UNIVERSITY OF CALIFORNIA BERKELEY • MIDS • *IN PROGRESS*

Master of Information and Data Science

### UNIVERSIDADE DE SÃO PAULO • BACHELOR'S DEG. • 2012

Major: Mechatronics Engineering. Minor: Automotive Engineering.

## VOLUNTEER EXPERIENCE

### FOUNDING MEMBER • NUFFIELD BRASIL

MARCH 2015 ~ PRESENT • BRAZIL

Consisted of 8 member countries (Australia, Canada, France, Ireland, Netherlands, New Zealand, United Kingdom, Zimbabwe) and 2 associate countries (Brazil and USA), Nuffield promotes agribusiness improvement through scholarships and research projects for professionals of this industry visiting worldwide operations.

[www.nuffieldinternation.org](http://www.nuffieldinternation.org)

### VOLUNTEER • CNA JOVEM NETWORK

NOVEMBER 2014 ~ PRESENT • BRAZIL

Leadership development program endorsed by Brazilian Confederation of Agriculture and Livestock (CNA) to identify and boost career from selected young leaders that will drive, from the farms, the transformation of Brazil.

[www.cnabrasil.org.br](http://www.cnabrasil.org.br)



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