

PERSONAL INFORMATION

Bruno Chianca Ferreira

 Rua Manuel Monteiro 28 5C, 4710-384 Braga (Portugal)

 +351915317282

 brunobcf@gmail.com

 Skype brunocf

STUDIES APPLIED FOR

PhD in Computer Science

WORK EXPERIENCE

06/11/2018–Present

Computer scientist

EFACEC, Porto (Portugal)

Developer – R&D SCADA

Maintenance of the ScateX# software which is a SCADA system for network management. (C++, Bash and Java)

01/03/2016–31/08/2017

Electrical engineer

ABB AS, Oslo (Norway)

Technical Service Specialist – Power Systems

- Technical responsible for service and maintenance of HVDC and FACTS plants in Norway (Onshore and Offshore)
- Control & Automation and Network conception and design for technical sales proposals of brown field projects

01/03/2013–28/02/2016

Electrical engineer

ABB AB, Ludvika (Sweden)

System Engineer – Power Systems / High Voltage Direct Current

- HVDC Substation control and automation development
- Control & Automation and Network design / conception for technical sales proposals of green field projects

01/11/2011–28/02/2013

Electrical engineer

ABB Ltda, Araraquara (Brazil)

Electrical Engineer – Power Systems / High Voltage Direct Current

- Installation and commissioning of Rio Madeira project's Araraquara station Control and Protection System;
- Plant circuit diagram updating and Cabling supervision;

01/03/2010–30/10/2011

Electrical engineer

ABB AB, Ludvika (Sweden)

System Engineer – Power Systems / High Voltage Direct Current

- Plant circuit diagram project design;
- Control and automation system programming;
- Factory System tests;

01/10/2007–28/02/2010

Electrical engineer

ABB Ltda., São Paulo (Brazil)

System Engineer – Power Systems / Substation Automation

- Substation Automation and High Power Rectifiers control and automation, and network design and conception.
- Factory tests and commissioning of the system.
- Sales support.

01/09/2006–30/09/2007

Electrical engineer

Axiom Eletronics, São Paulo (Brazil)

System Engineer – SCADA Developer:

- Development of Substation automation projects
- Programming of HMIs with MicroSCADA.
- Factory tests and Commissioning

EDUCATION AND TRAINING

01/09/2017–Present

Master's Degree in Informatics

EQF level 7

Universidade do Minho, Braga (Portugal)

Focus on Parallel Computing and Computer Networks:

Dissertation theme:

Energy-aware Gossip Protocol for Wireless Sensor Networks

02/01/2005–28/02/2006

Software Engineering for Embedded Systems (Test Analysis)

EQF level 5

Universidade Federal de Pernambuco, Recife (Brazil)

Specialization Course with focus in Test Engineering for Embedded Devices.

Partnership with Motorola Ltda. for training of skilled labor in Software testing.

01/08/1998–30/11/2004

Bachelor Degree in Electrical Engineering

EQF level 6

Universidade Federal de Campina Grande, Campina Grande (Brazil)

Bachelor degree in Electrical Engineering with focus on Control and Automation

PERSONAL SKILLS

Mother tongue(s)

Portuguese

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C1	C2
Swedish	B1	B1	B1	B1	B1
Norwegian (Bokmal)	A2	A2	A2	A2	A2

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills

- good organization skills gained during 11 years of experience working with complex systems

- Job-related skills**
- Advanced knowledge in the Control and Automation area for electrical systems
 - Technical knowledge and ability of planning and developing technology related projects.
 - Programming language skills in C, Python and Node.JS and programming in general being open to always learn new technologies.
 - Experience and leadership in the full life-cycle (Sales, Design, Testing, Commissioning and Service) of technology related projects mostly in the area of electrical power systems

Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem-solving
Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Digital skills - Self-assessment grid

Driving licence AM, B

ADDITIONAL INFORMATION

References Master's Thesis Supervisor: João Marco C. da Silva +351 964076193