



Sergio Mazucato

Electrical Engineer

Contact

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Web References

LinkedIn
Xing
GitHub

Programming

Python ●●●●●
C ●●●●●
Matlab ●●●●●
Assembly ●●●●●

Languages

Portuguese ★★★★★
German ★★★★★
English ★★★★★
Italian ★★★★★

Places Lived



Appreciated Activities

Problem solving ●
Programming ●
Electronics ●
Math ●
Playing Guitar ●
Reading ●

Experience

- 10/19 - now **Product Engineer** [Bosch Engineering \(Abstatt\)](#)
Automotive function developer for the Inverters and DC-DC Converters of Bosch Engineering.
- 10/18 - 10/19 **Test Manager** [Bosch Engineering \(Abstatt\)](#)
Test manager for the Automotive Brake Projects of Bosch Engineering.
- 09/17 - 10/18 **Technical Project Manager** [Thales \(Stuttgart\)](#)
Technical Project Manager and Consultant for the Smartcards and software solutions of Thales (former Gemalto) in Stuttgart.
- 09/16 - 08/17 **Technical Project Manager** [Thales \(Sao Paulo\)](#)
Technical Project Manager for the Smartcards solutions of Thales (former Gemalto) in Sao Paulo.
- 08/15 - 08/16 **Project Engineer** [Thales \(Sao Paulo\)](#)
Technical account leader of the Smartcards solutions and Data Processing related software of Thales (former Gemalto) in Sao Paulo.
- 08/14 - 07/15 **Technical Consulting internship** [Thales \(Sao Paulo\)](#)
Internship in the Project engineering department of Thales (former Gemalto) in Sao Paulo.
- 01/14 - 07/14 **Application Engineering internship** [Varixx electronics \(Piracicaba\)](#)
Internship in the Application Engineering department of the Varixx in Piracicaba.

Education

- 2016 - 2016 **Specialization in Project Management** [Fundacao Getulio Vargas \(FGV\)](#)
- 2010 - 2015 **Bachelor's degree in Electrical Engineering** [Federal University of Parana](#)
cGPR: 3.28 - Rated as **best** student of the university at the National Exam for the Assessment of Student Performance.
Honored as outstanding former student.
- 2013 **ERASMUS** [FH-Zwickau](#)
IEEE Industrial Electronics Society **Award** in recognition for a paper presented at IECON2013 in Vienna.

Publications

Automatic Tuning of PSSs and PODs Using a Parallel Differential Evolution Algorithm.
In: **2014 International Journal of Natural Computing Research**, v. 4, p. 1-16, 2014.

◆**IEEE** Parallel Simultaneous and Coordinated Tuning of PSSs Using Ant Colony Optimization. In: **2013 IEEE Industrial Electronics Society**, 2013 Vienna, Austria.

◆**IEEE** Combining Subpopulation Tables, Non-dominated Solutions and Strength Pareto of MOEAs to treat Service Restoration Problem in Large-Scale Distribution Systems. In: **2013 IEEE Industrial Electronics Society**, 2013 Vienna, Austria.

◆**IEEE** Simultaneous and coordinated tuning of PSSs and PODs using differential evolution. In: **2012 IEEE Power & Energy Society General Meeting**, 2012, San Diego. 2012 IEEE Power and Energy Society General Meeting.

Complementary Info

- Linux basic knowledge (15+ years of personal use).
- Volunteer work for three years at two College projects: *"Evolutive algorithms applied to corporeal exercises of people in rehab"* and *"Local factors and regional potentialities of the city Cornelio Procopio"*.
- Teacher assistant during one year for *Electrical Machinery* and *Electricity and Magnetism*.
- This document was generated ¹ with Python and \LaTeX ².

¹compiled on August 24, 2021

²<https://github.com/sergiomazucato/resume>