Sergio Mazucato

Electrical Engineer

Contact

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Web References

LinkedIn
GitHub

Programming

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

Languages

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

Places Lived

Appreciated Activities

Problem solving ■
Neural Networks ■
Electronics ■
Math ■

Experience

09/17 - Now **Technical Consultant**   Gemalto (Stuttgart)
As a Technical Consultant, Sergio is responsible for Smart Cards (EMV Chips) and software trouble-shooting (low and high-level) in Germany. He is in charge of the Data processing software architectures (high-level) and personalization scripts specification (low-level)

08/16 - 08/17 **Technical Project Manager**   Gemalto (Sao Paulo)
As a technical project manager was responsible for the management of Chip/Data Processing software projects in Sao Paulo (Brazil) for the first tier accounts, which represents 9 million of card units yearly. He was also the PM and developer of different local tools for the company, one of these tools was able to reduce the time-cost of specific software changes by 80%.

08/15 - 08/16 **Project Engineer**   Gemalto (Sao Paulo)
As a technical account leader was responsible for software development on high level and low level languages, electrical profiles definition (EMV-Chips) and advisory over EMV behavior for several customers.

02/15 - 07/15 **Electrical Engineer**   Cocal Energia (Sao Paulo)
As part of the industrial management team, was deeply involved with operational improvements on the management of electric power generation & devices maintenance and improvement projects and tactical procedures for operation.

07/14 - 01/15 **Technical Consulting internship**   Gemalto (Sao Paulo)
Acted as part of the team responsible for 2nd tier of clients, representing 100k units of cards yearly. The role of the intern was to support the development of EMV projects and the consultants at the specification of custom designed and new technologies projects.

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, the rank for all other comparisons as city, state and country are above p75 (between the best 25%).

2013   **ERASMUS**   FH-Zwickau
IEEE Industrial Electronics Society **Award** in recognition of 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 (10+ 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 of Cornelio Procopio"*.
- Teacher assistent during one year for *Electrical Machinery* and *Electricity and Magnetism*.
- This document was generated [1] with LaTeX and Python [2].

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[1]compiled on March 4, 2018
[2]https://github.com/sergiomazucato/resume