



Sara Malvar, PhD

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PROFILE

Electrical engineer with 6+ years of experience in data analysis and machine learning. Certified professional with university teaching and distance learning experience, predictive analysis for business and data mining. I have more than 12 publications in international conferences and journals. Worked as a consultant for large companies such as FastShop, Shell, Symrise and acts as a **reviewer and mentor** at Udacity, in addition to producing Machine Learning courses for Alura and **mentoring** Awari Data Science students.

LANGUAGES

English	● ● ● ● ●
Spanish	● ● ● ● ●
Japanese	● ● ● ● ●
Portuguese	● ● ● ● ●

SKILLS

Python	● ● ● ● ●
Keras/Tensorflow	● ● ● ● ●
KPI Dashboards	● ● ● ● ●
Tableau	● ● ● ● ●
Alteryx	● ● ● ● ●
Data mining	● ● ● ● ●

EXPERIENCE

- **IBM - Field Technical Sales Specialist**
2011 - 2014
- **Vert TIC - Electrica Engineer**
2014 - 2014
- **University of Brasilia - Professor**
2014 - 2015
- **University UDF - Professor**
2014 - 2015
- **Udacity - Mentor e reviewer**
2018 - NOW
- **Alura - Machine Learning instructor**
2019 - NOW
- **Awari - Machine Learning Mentor**
2019 - NOW

FORMAÇÃO

- **University of Brasilia**
2009 - 2014
B.A. Electrical Engineering
- **University of Brasilia**
2014 - 2015
MS.c. Mechanical Science
- **University of Sao Paulo / University of Pennsylvania**
2016 - 2019
PhD Mechanica Engineering
- **University of Sao Paulo**
2019 - NOW
Postdoctorate Fellow Engineering

AWARDS

- Best undergraduation project (ABCM/EMBRAER)
- Best master dissertation (ABCM/EMBRAER)
- FAMELAB finalist - Scientific Communication Prize (2017)
- FAMELAB semifinalist - Scientific Communication Prize (2020)