Pedro Henrique Gomes Venturott

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Main Goal

Graduated in electrical engineering, self-taught in machine learning, I am currently looking for a position where I can apply and grow my skills in the field of data science.

Education

01/08/2010 21/08/2017	**B.S. in Electrical Engineering** Diploma earned at Universidade Federal do Espírito Santo.
01/01/2007 31/12/2010	**Associate Degree in Electrical Engineering** Diploma earned at Instituto Federal do Espírito Santo.

Additional Education

22/01/2019 05/03/2019	**Deep Learning Specialization** Certificate earned at Stanford University on Coursera.
01/01/2019 22/01/2019	**Machine Learning Course** Certificate earned at Stanford University on Coursera.

Work Experience

Maintenance Technician

19/02/2018

Present

Petróleo Brasileiro S.A (Petrobrás).

- Study and selection of most appropriate predictive maintenance techniques for several electrical equipments.
- Equipment data acquisition on the field for predictive maintenance analysis.
- Conditional diagnosis of electrical equipaments through collected data.

Intern

01/01/2017

02/07/2017

Bitcast Engenharia e Sistemas Embarcados LTDA-ME.

- Development of embedded hardware modules.
- Development of firmware for microcontrollers.
- Study and implementation of code version control system (Git) in the organization, which increased the efficiency of the whole team.

Skills

- English:	Listening:	Reading:	Conversation:	Speaking:	Writing:
	Advanced	Advanced	Advanced	Advanced	Advanced

- Experience working in Linux environments;

- *C/C++* and *Python*;

- Data handling tools: *Pandas* and *SQL*;

- Data visualization tools: *Matplotlib*, *Seaborn* and *Plotly*;

- Data science and machine learning related tools: *MatLab*, *Numpy*, *Scikit-Learn*, *Statsmodels*, *XGBoost* and *Tensorflow*;

- Cloud Computing (Microsoft Azure);

- Experience working in software development using an agile method (Scrum).

Additional Information

- University exchange of 11 months, at Politecnico di Milano, Italy.

- [Portfolio](.).

- [Code](.) written during the development of several projects available at GitHub.

- [Articles](.) written on the Medium platform.