

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

B.S. in Electrical Engineering

21/08/2017

Diploma earned at Universidade Federal do Espírito Santo.

01/01/2007

Associate Degree in Electrical Engineering

31/12/2010

Diploma earned at Instituto Federal do Espírito Santo.

Additional Education

22/01/2019

Deep Learning Specialization

05/03/2019

[Certificate](#) earned at Stanford University on Coursera.

01/01/2019

Machine Learning Course

22/01/2019

[Certificate](#) earned at Stanford University on Coursera.

Work Experience

19/02/2018

Present

Maintenance Technician

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 equipments through collected data.

01/01/2017

02/07/2017

Intern

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.

29/08/2016

29/10/2016

Intern

Data Processing Center, UFES (Universidade Federal do Espírito Santo).

- AS BUILT of the University's IP address network.
- Implementation of internal management services using containers.

01/08/2012

01/04/2013

Intern

City of Vitória, Education Office, Infrastructure Sector.

- Electrical projects development.
- Cost sheets development.
- Structure situation evaluation.
- Customer service.

01/01/2012

01/08/2012

Administrative Assistant

City of Vitória, EMEF Lenir Borlot.

- Administrative activities.
- Technical support on IT.
- Human Resources management.
- Customer service.

Personal Competences

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

- Experience working in Linux environments;

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

- Proficiency in data handling tools: *Pandas* and *SQL*;

- Proficiency in data visualization tools: *Matplotlib*, *Seaborn* and *Plotly*;

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

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

Additional Information

- University exchange of 11 months, at Politecnico di Milano, Italy.
- [Link](#) for code written during the development of several projects available at GitHub.
- [Link](#) for articles written on the Medium platform.