PERSONAL INFORMATION	Leonardo Santiago Benitez Pereira

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PREFERRED JOB	Machine Learning Developer

WORK EXPERIENCE

01/02/2018–Present — ### Software developer
Labsmart - Research Lab in Smart Grids (IFSC), Florianópolis (Brazil)

- Application of Machine Learning using Python in the area of Smart Grids, Smart Industries and IoT.
- Development (full stack) of a web dashboard for monitoring, visualization, and data analysis.
- Hardware and firmware integration in microcontroller systems.

01/09/2019–01/12/2019 — ### Machine Learning Developer
HAMK Smart Research Unit, Hämeenlinna (Finland)

- Develop a Convolutional Neural Network model to perform recognition of cows' behavior
- Extract high-level information from video, using techniques of Instance Segmentation and Activity Index.
- Integrate this model to a web platform hosted on AWS and running on Docker
- Build a python software to label the videos used to train the model, and manage the resulting dataset

01/03/2017–01/12/2017 — ### Web developer
Reseach Lab in Educational Technologies (IFSC), Florianópolis (Brazil)

- Development of a web platform to technological education.
- Initial implementation of the database.
- Planning the user experience and visual organization of the website.

EDUCATION AND TRAINING

01/02/2017–Present — ### Electronics Engineering — EQF level 6
Federal Institute of Education, Science and Technology of Santa Catarina, Florianópolis (Brazil)

01/02/2011–01/12/2014 — ### Electronics Technician — EQF level 4
Federal Institute of Education, Science and Technology of Santa Catarina, Florianópolis (Brazil)

PERSONAL SKILLS

Mother tongue(s)   Portuguese

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Spanish	C2	C2	C2	C2	C2
English	C1	C2	C1	C1	C1
Finnish	A1	A2	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Job-related skills

Programming Languages

■ **Data Science**

  □ Python: advanced.

  □ Matlab: intermediate.

■ **Embedded Systems**

  □ C++: intermediate.

  □ Arduino libraries: intermediate.

  □ VHDL: basic.

■ **Web Development**

  □ PHP: intermediate.

  □ SQL: intermediate.

  □ Javascript with NodeJS: basic

  □ Javascript with VueJS e Jquery: advanced.

  □ CSS and HTML (pure and with Bootstrap): advanced.