

# HÉCTOR DORRIGHELLO GACON | Curriculum Vitae

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## OBJECTIVES

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Develop technical activities and collaborate with the growth of the company.

## SUMMARY OF QUALIFICATIONS

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Graduated in Computer Science from the State University of Maringá, I'm currently doing a graduate degree in Data Science;

In my free time i study the Flutter mobile development framework and concepts of Clean Code. I have experience with Linux distributions and versioning with Git;

In Flutter I have experience with instagram UI clone, food app with Getx and payment per PIX, a ToDo list with Provider and modular architecture;

I have experience in Python with simulations of robots, a project from my final course, in which I created a opensource library for mobile robot localization.

In Python I use the Pandas library for data exploration in projects, Seaborn for data visualization, Streamlit for creating dashboards and the Scikit-learn library for machine learning models.

## EDUCATION

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**STATE UNIVERSITY OF MARINGÁ**  
Computer Science

**start: 2016/04 - end: 2022/06**  
Maringá, Paraná

## EXPERIENCE

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**SENAI ARTIFICIAL INTELLIGENCE HUB**

**start: 2022/09 - end: 2023/09**

**Resident**

Business understanding & how artificial intelligence can be applied to industry.

Cases:

- Natural language problems (classification and similarity)
- Computer vision models (GANs and classification)
- Data visualization (Dash)

## DEVELOPED PROJECTS

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**A.I. FOR CREDIT LINES**

**Bunge**

2022 - in progress

Use of machine learning for classification and regression for approval of credit lines.

**technologies:** Pandas, Data Visualization, Random Forest, Flask, REST.

**PRODUCTION LINE TIME ANALYSIS**

**Volvo**

2022

Exploratory analysis for detection and alarming at line delay points of production.

**technologies:** Pandas, Data Visualization, Seaborn, Streamlit.

Regression model for remote machines that don't regularly send data.

**technologies:** Random Forest, LSTM - Tensorflow, Streamlit, Plotly.

## SKILLS

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### PROGRAMMING LANGUAGES

**Experienced:** Python | Dart | C  
Script

**Familiar:** Javascript/Typescript | SQL | Shell

### FRAMEWORKS & TOOLS

Pandas | Scikit-learn | Flask | Git | Flutter | LaTeX | MySQL | Linux | NodeJs | Clean Code  
| Scrum | REST

### LANGUAGES

**intermediary:** English

## EXTRA CURRICULAR ACTIVITIES

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### ACADEMIA DO FLUTTER 2.0

2022/02 - Studying

Rodrigo Rahman

Complete course on Flutter frontend, backend, design patterns, state management and API consumption.

### DART WEEK 6ª EDITION

2022/02

Rodrigo Rahman

5-day online event creating a Flutter app with PIX integration;

### DART WEEK 7ª EDITION

2022/06

Rodrigo Rahman

5-day online event creating a Flutter app with Bloc and Cubit;