

# CURRICULUM VITAE - ENDERSON SANTOS

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I am a data science student looking for new challenges. I love to learn new things and always find new ways to improve myself, always keeping an open mind to new opportunities, and maintaining a dynamic, curious, and versatile attitude. I look for an opportunity to develop my technical skills and interpersonal skills. My life objective is to keep improving to always be on the edge of technology, aiming to grow professionally and productively contribute within an organization.

PROJECTS - All the projects can be found at my web portfolio: [EndersonSantos.github.io](https://EndersonSantos.github.io)

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## Telco Churn Model

2022

A project where I did all the steps in a data science project from understanding the problem to gathering the data, cleaning them up, doing all the exploratory data analysis, looking for correlations, drawing conclusions, making a presentation with our findings, training the models, creating a flask application, and put the model into production. The data was collected in Kaggle and concerns the information about customers on Telco company. The data is labeled, and our model predicts if the customer will churn. A typical classification problem where we trained a SVM Model.

## EXPERIENCE

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### European Innovation Academy

2021

One of the biggest entrepreneurship programs for young people in Europe, where I was in contact with colleagues from all over the world and mentors from all over the globe who helped us and led us for 3 intensive weeks where we had to create, validate, and develop a business idea. Communication, problem solving, critical thinking and especially the ability to adapt and quickly learn were essential for us to finish our project, as well as stress resilience and work ethic.

### Business Analyst Trainee

2021

A 3-week trainee focused on the most important topics related to business analysis such as requirements analysis, stakeholder collaboration, risk analysis, defining objectives, evaluating solutions, defining requirements and diagrams.

## EDUCATION

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### Iscte

2021 – 2024

Bachelor's in Data Science (Evening)

Enables professionals to understand the entire cycle of data and develop strong analytical skills, with the capabilities to anticipate and respond to future challenges. Also understanding how and which data should be collected, organized, and managed, and enables them to integrate and quickly process large volumes and wide varieties of data (Big Data). By developing computational and mathematical reasoning, which are fundamental for Data Mining, Machine Learning, this degree endows strong analytical, creative, and ethical skills, which translate into the ability to extract, build, and analyze knowledge, and communicate it in a sustained manner for decision-making or new products and services.

### Isel

2019-2021

Bachelor's in Mechanical Engineering

I completed 2 years of mechanical engineering before I switch for data science, where I receive an honor mention from physics department for my performance on thermodynamics. I was able to creatively face and solve new problems and adapt to the demands of a diverse and competitive job market, ensuring a component of application of acquired knowledge and skills to the concrete activities of my professional profile. I created attitudes and actions of innovation.

## LANGUAGES

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English (professional working proficiency), Portuguese (native)

## CERTIFICATIONS

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### Google Data Analytics Professional Certificate

2021

Google - Coursera

Completed extensive six-month job-ready Google Career Certificate training. Demonstrated hands-on experience with data cleaning, data visualization, interpreting and communicating data findings. Confidence in transforming complex data into actionable and clear insights. Fluency in computer programming languages and a solid understanding of databases.

### The Complete SQL Bootcamp

2021

Udemy

A course on how to read and write complex queries to a database using one of the most in-demand skills - PostgreSQL. How to use JOIN, GROUP BY, ORDER BY, HAVING, SELECT, FROM, and other commands.

## TECHNICAL SKILLS

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**Machine Learning Algorithms:** Linear Regression, Logistic Regression, Support Vector Machines, K-Nearest Neighbors, Decision Trees, and Random Forest, K-mean, Hierarchical Cluster Analysis, Principal Component Analysis;  
**Data Structures and Algorithms:** Abstraction, Encapsulation, Inheritance and Polymorphism, Stacks, Queues, Linked Lists, Priority Queues, Binary Heaps, and Graphs.

Working knowledge of multiple programming and scripting languages:

- **Proficient** – Python, Excel, SQL
- **Professional Use** – MATLAB, R, HTML
- **Basic** – CSS, JavaScript

Python Packages:

- **Scientific Computing** - NumPy
- **Data Analysis and Data Manipulation** – Pandas
- **Data Visualization** – Matplotlib and Seaborn
- **Machine Learning** – Skit-Learn
- **Web Development** – Flask

## Other Activities

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### Federated Soccer Player

2014-2021

I won two district championships, one under-17 and the other under-19 with Amora FC where I was the top scorer in the first. I also helped Cova da Piedade to remain in the first national division of Under-19 in 2018/2019 season.

In those years I developed very important characteristics such as communication, teamwork, effort, focus, and dedication. And the ability to keep me motivated even when difficulties arise.