

Contact

🌐 site: richard-costa.github.io

🐙 github: richard-costa

🌐 linkedin: richard-silva-costa

✉ email: scosta.richard@gmail.com

Skills & Tools

Data Science

- NLP
 - Text Classification
 - Topic Modelling
- Machine Learning
 - Classification
 - Regression
 - Clustering
 - Outlier Detection
 - Deep Learning
- Time Series
- OCR

Python

- Pandas, NumPy, SciPy
- Matplotlib & Seaborn
- Sklearn
- Transformers, Gensim, SpaCy, NLTK
- PyTorch
- Statsmodels

Programming

- Python, SQL, R
- LaTeX, Markdown, Mathematica.

Tools

- AWS: Sagemaker, Athena, QuickSight, Glue, S3, Textract
- Databricks, Spark, Git, RStudio
- PyCharm, VSCode

Languages

Portuguese: Native

English: Fluent

Norwegian: Beginner

Richard Costa

Data Scientist | Physicist

📍 Santo André, São Paulo, Brazil

Work Experience

Data Scientist Nov. 2021 – Present
Dom Rock | São José dos Campos, São, Paulo, Brazil

Most of my work concerns natural language processing tasks, regression & classification algorithms, and exploratory data analysis & data preprocessing. Those include several other tasks like feature engineering & extraction, data visualization, data augmentation, statistical analysis, and so on. I've also had experience with clustering algorithms, time series analysis & forecasting, outlier detection, product recommendation and optical character recognition.

Freelance Writer & Translator Jul. 2018 – Mai. 2020
Self-Employed

Content writing on Science, Machine Learning and Entertainment. Copy-writing. Translation from Portuguese-English and English-Portuguese.

Post-Graduate Research Fellow Mar. 2017 – Jul. 2018
CAPES | Guaratinguetá, São Paulo, Brazil

Scientific research in the field of Theoretical Particle Physics which resulted in a published paper. Work funded by the Coordination of Superior Level Staff Improvement (CAPES).

Undergraduate Research Fellow Aug. 2015 – Sep. 2016
CNPQ | Guaratinguetá, São Paulo, Brazil

Scientific research in the field of Theoretical & Mathematical Physics. Work funded by the National Council for Scientific and Technological Development (CNPQ).

Education

Ph.D. in Physics Jun. 2020 – Present
Federal University of ABC - UFABC

M.Sc. in Physics Mar. 2017 – Abr. 2020
São Paulo State University - UNESP

B.Sc. in Physics Mar. 2011 – Dez. 2016
São Paulo State University - UNESP

Publications & Awards

Papers

Pereira, S.H. and Costa, R.S., 2019. Partition function for a mass dimension one fermionic field and the dark matter halo of galaxies. *Modern Physics Letters A*, 34(16), p.1950126. [doi:10.1142/s0217732319501268](https://doi.org/10.1142/s0217732319501268).

Awards

3rd Place, UNESP's Undergraduate Scientific Research Congress, Guaratinguetá campus.