

# Eduardo Nogueira

Senior Data Scientist

M.Sc in Electrical Engineering

Ph.D Candidate in Biomedical Engineering

🌐 Citizen EU and BR

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🐙 GitHub

🌐 LinkedIn

## EXPERIENCE

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### •Senior Data Scientist

Mar 2021 - Today

*Kognita Lab*

- Led the transformation of a geospatial intelligence product, initially designed for a specific client, into a scalable solution applicable across various data domains and markets.
- Managed a dynamic team comprised of data scientists, engineers, and analysts.
- Implemented processes to ensure the scalability and reliability of the company products.
- Successfully restructured the company's operational processes, resulting in enhanced efficiency and productivity.
- The geospatial intelligence product drove significant revenue growth by attracting 20 new customers from different sectors.
- Participated in negotiations with new customers, gaining valuable business insights and improving communication skills.

### •Mid-Level Data Scientist

Mar 2021 - Jan 2022

*Kognita Lab*

- Led the development of a geospatial intelligence product.
- Actively engaged with customers to gather their feedback.
- Successfully launched the geospatial intelligence product in the market.
- Acquired the first customers for the product, demonstrating its market viability.
- Made significant refinements to the product based on customer feedback, ensuring it met user needs and expectations.

### •Junior Data Scientist

Jan 2020 - Feb 2021

*Kognita Lab*

- Development of innovative image processing methodologies.
- Involvement in the initial stages of developing the company's flagship geospatial intelligence system.
- Achieved an 80% improvement in image quality through the new methodology, validated by A/B testing.
- Achieved a 50% reduction in image processing time, enhancing overall efficiency.
- Conducted research and identified methods to develop the geospatial intelligence product concept.

## EDUCATION

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### •Ph.D in Biomedical Engineering

2020-Today

*Polytechnic School of the University of São Paulo (Poli/USP)*

GPA: 4.0/4.0

### •M.Sc in Electrical Engineering

2018-2020

*Federal Technological University of Paraná*

GPA: 4.0/4.0

### •B.Sc in Electrical Engineering

2013-2018

*Federal Technological University of Paraná*

GPA: 3.0/4.0

## TECHNICAL SKILLS AND INTERESTS

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**Languages:** Python and Matlab

**Data Visualization:** Plotly, Matplotlib, Seaborn, Plotly, Folium

**Data Analysis:** Pandas, NumPy, SciPy, GeoPandas

**Machine Learning:** Artificial Neural Networks, Support Vector Machines, Decision Trees, and Ensemble Learning techniques

**Databases:** SQL, MongoDB

**BigData:** Spark

**Management:** Agile

**Deployment and Scaling Tool:** Docker

**Cloud Computing:** AWS and Azure

**Areas of Interest:** Signal Processing, Image Analysis, Structured and Geospatial Data.

**Soft Skills:** Problem Solving, Self-learning, Presentation, Adaptability

## LANGUAGES

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**English:** Advanced

**Portuguese :** Native