Eduardo de Andrade Nogueira

Senior Data Scientist

Dual Citizen Italy and Brazil

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Skills

- Python
- Matlab
- Azure
- Amazon Web Services (AWS)
- Git
- Google Cloud
- SQL
- Spark

Languages

- Portuguese
- English

About me

I'm Eduardo, born in Brazil citizen of Brazil and Italy. As a Senior Data Scientist, I specialize in intelligent systems, with expertise in signal processing, image analysis, and geospatial data. My journey includes hands-on roles as a Data Scientist, Team Leader, and Professor, bridging the gap between real-world applications and education.
I orchestrated a strategic transformation, developing a geospatial intelligence product into a scalable solution. This not only gave us good results but also boosted the company's customer base.
With a knack for positive relationships, I actively engage in negotiations with new customers, offering a comprehensive commercial perspective. My responsibilities go beyond team management, encompassing the entire product lifecycle from development to customer feedback incorporation.
Additionally, as a teaching intern, I contributed significantly to students' understanding of artificial neural networks and electrical machines, refining my ability to communicate complex concepts clearly.
When not immersed in the world of data, you can find me pursuing my two passions: hiking and photography.

Work Experiences

Feb 2022 - Current
Senior Data Scientist
Kognita Lab
In this role, I orchestrated a strategic transformation of a tailor-made geospatial intelligence product into a scalable solution, enabling the company to have more customers. My responsibilities encompassed not only the management of a dynamic team but also the implementation of processes to enable the product's scalability. This initiative not only resulted in a cleaner and more robust operational process but also played a pivotal role in driving substantial revenue growth for the company. And also actively participate in negotiations with new customers, providing me with a comprehensive perspective from a commercial standpoint.

Mar 2021 - Jan 2022
Mid-Level Data Scientist
Kognita Lab
In this role, My primary responsibilities involved not only the development process of the geospatial intelligence system but also actively engaging with customers to gather valuable feedback. This experiences allowed me to contribute significantly to product refinement, ensuring its alignment with user needs. In this role we were able to put the product in the market and get the first customers.

Jan 2020 - Feb 2021
Junior Data Scientist
Kognita Lab
In this role, My main responsibility was in the development of a image processing methodology that achieved 80% improvement in quality, as validated by A/B testing and reduced in 50% the processing time. I have also worked in the early stages of the flagship product of the company an geospatial intelligence system for finding the best place to open a store, my main role was in the research of methods to make the idea viable.

Jul 2018 - Dec 2019
Teaching Intern
Federal Technological University of Paraná
In this role as a teaching intern, significant contributions was made towards instructing students in the domains of artificial neural networks, electrical machines, and dynamic modeling of electrical machines. This involvement facilitated the refinement of skills in communicating complex concepts with clarity for a broad audience.

Education

Aug 2020 - Current
Ph.D in Electrical Engineering
Polytechnic School of the University of São Paulo (Poli/USP)
GPA: 4.0/4.0
I am currently developing a less invasive technique for detecting heart failure with preserved ejection fraction using the strain signals obtained from echocardiogram examinations. My expertise lies at the intersection of engineering and medicine. I actively contribute with a diverse team where our collective goal is to enhance the quality of life through innovative solutions.

Mar 2018 - Jun 2020
M.Sc in Electrical Engineering
Federal Technological University of Paraná
GPA: 4.0/4.0
In my master's research, my efforts were directed towards developing a system that could analyze the operational signals of electric motors to detect potential failures. By leveraging artificial intelligence, my work contributes to the advancement of predictive maintenance strategies, offering a proactive approach to address issues in industrial machinery and ultimately optimize production processes.

Sep 2013 - Feb 2018
B.Sc in Electrical Engineering
Federal Technological University of Paraná
GPA: 3.0/4.0
During my undergraduate studies, I specialized in developing IoT platforms. I created a mesh electrical machine monitoring system that reads voltage and current in electric motors. This project demonstrates the feasibility of real-time data collection and analysis for enhancing efficiency in electric motor systems.