Lorenzo Corrêa Lazzarotto

Brazilian Citizen

 Lorenzo-Lazzarotto | in Lorenzo Lazzarotto | ✉ lorenzocorrea1@gmail.com | 📱 +55.51.98350.6595

AWARDS

Best Interdisciplinary Project - Senior Design Showcase — Fall 2023

Project: A Machine Learning Solution to Spinal Surgery Candidate Assessment

EXPERIENCE

PUCRS/Dell (Research Intern) — Jul 2022 - Jul 2023

- Developed a supervised learning pipeline, including scripts for ETL, model training, and evaluation;
- Produced user-friendly documentations for APIs utilizing Swagger.

PROCERGS (Data Science Intern) — May 2021 - May 2022

- Applied concepts of Natural Language Processing in public data to help security authorities;
- Designed data visualizations to help extract insights from transit data using IBM® Cognos® Analytics;
- Studied regression models in tributary and tax applications.

PROJECTS

Fashion Forecasting - In partnership with Lojas Renner

- Conducted comprehensive data analysis by collecting information from Instagram posts;
- Utilized different machine-learning techniques, including auto-encoders, decoders, and clustering.

A Machine Learning Solution for Spine Surgery Candidate Assessment

- Collaborated with a multidisciplinary team to kickstart a long-term project that aims to optimize spinal surgery triage at Orlando Health;
- Created a long-term project plan and defined project requirements;
- Developed Python scripts for medical data preprocessing;
- Implemented Machine Learning (especially Neural Networks) algorithms in TensorFlow.

EDUCATION

University of Central Florida — Aug, 2023 - Dec, 2023

Exchange Student Program (as part of the Bachelor's Degree) — Orlando, Florida, United States

Pontifical Catholic University of Rio Grande do Sul — Mar, 2021 - Dec, 2024

Data Science and Artificial Intelligence Bachelor's Degree — Porto Alegre, Rio Grande do Sul, Brazil

SKILLS

Technology	Python, Java, Git, Tableau, SQL, Power BI, Microsoft Azure, AWS, Linux
Languages	Portuguese, English (**TOEFL IBT** 110/120 - Test taken in Oct 2022)