Bruno CHICELLI

São Paulo, Brazil | +55 (11) 9 9549-0767
rodriguessilvabruno@outlook.com

github | linkedin | medium | portfolio

SUMMARY

Data Scientist and MSc. Student passionate about finding great solutions to complex problems using data, Machine Learning and Artificial Intelligence.

EDUCATION

USP - POLYTECHNIC SCHOOL OF THE UNIVERSITY OF SÃO PAULO   *01/2021 - 12/2022*

MASTER OF SCIENCE IN MECHATRONICS ENGINEERING

Dissertation on Deep Reinforcement Learning for traffic control in large and complex environments

USP - POLYTECHNIC SCHOOL OF THE UNIVERSITY OF SÃO PAULO   *01/2020 - 12/2021*

ARTIFICIAL INTELLIGENCE SPECIALIZATION

2 year graduate studies in Machine Learning and Deep Learning - final paper on Computer Vision for vehicle counting

UFABC - FEDERAL UNIVERSITY OF ABC   *05/2015 - 05/2019*

BACHELORS IN SCIENCE AND TECHNOLOGY

Award of Merit in Physics III, top 75 student out of 1900 in the course - selected to teach other students

PROFESSIONAL EXPERIENCE

GLOBO GROUP   *06/2021 - Current*

SENIOR DATA SCIENTIST - ADTECH SQUAD - BIG DATA AND ARTIFICIAL INTELLIGENCE
- Created an automated intelligent mid-roll ad placement pipeline optimized for UX on thousands of daily videos using PyTorch, TensorFlow, Python, Docker, AWS, GCP and other tools;
- Created an internal docs synchronization tool for several platforms at once using Go, Python and Tsuru;
- Led several projects including inventory optimization and forecast, pricing optimization, sales forecast.

BOA VISTA SERVIÇOS - BRAZILIAN CREDIT BUREAU   *08/2020 - 06/2021*

DATA SCIENTIST - ADVANCED ANALYTICS SQUAD - DATA SCIENCE DEPARTMENT
- Developed a fast modelling tool to reduce Data Scientists overhead using LGBM, XGBoost and CatBoost;
- Created a model for propensity of credit card acceptance and activation;

ARCELORMITTAL   *05/2019 - 07/2020*

JUNIOR DATA SCIENTIST - INNOVATION IN MARKETING SQUAD
- Saved 1.3M BRL per year with automation and data science using Machine Learning, Python, R, Azure, SQL;
- Created a sales forecasting project for over 100 points of sale all over Brazil. Worked on Customer Churn modelling and Demand of production prediction for factories;
- Created a PowerBI culture with 7k+ monthly views;

SKILLS

PROGRAMMING	***Experienced:*** Python | SQL | R ***Familiar:*** JS, CSS, HTML | Bash | NodeJS | C++
SOFTWARE DEVELOPMENT	GIT | Agile Methodology | Kanban | CRISP-DM methodology
FRAMEWORKS & LIBRARIES	TensorFlow | PyTorch | Pandas | Selenium | Streamlit | openCV | MLFlow | NodeJS
BI TOOLS AND CLOUD ENVS	Google Cloud Platform | Azure | AWS | Power BI (M, DAX) | Data Studio | Excel (VBA, Macros)
LANGUAGES	***Native:*** Portuguese ***Fluent:*** English ***Intermediary:*** Spanish ***Beginner:*** German

COURSES AND CERTIFICATES

- Advanced Solutions Lab (16 weeks focused on several tools for ML in GCP w/ Google Experts) - Google
- Deep Learning Specialization (16 weeks) - Deepmind.ai
- Tensorflow Developer Specialization (16 weeks) - Deepmind.ai
- Machine Learning with Tensorflow in Google Cloud Platform (16 weeks) - Deepmind.ai
- Volunteered in Buenos Aires, Argentina: taking care of children who lived in a orphanage in the suburbs, AIESEC
- Several Programming Courses (40+ courses) - Certificates on my linkedin
- Coursera (16 courses) Machine Learning, Andew Ng and other 15 courses in the specializations
- HarvardX (3 courses) Data Science: Productivity Tools; Visualization; Machine Learning
- Udacity (2 courses) Time Series Forecasting; Programming Foundations with Python
- Alura (13 courses) Courses on Linux, Shell, Docker, Kubernetes and Flutter