



DATA SCIENTIST

AUGUSTO BARRETO

GET IN CONTACT

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PERSONAL PROFILE

Data Scientist with large background, solid software engineering expertise and skilled in working with both structured data and unstructured data on parallel computing environment

AREAS OF EXPERTISE

- Python and Javascript working experience
- Classification and Regression Models
- Spark, Pandas, Numpy
- SQL, R and Scala experience
- Google Cloud working experience

OTHER SKILLS

- Good practices (Linux, CI/CD, Docker, Git)
- Excellent problem solver
- Team Management: Training, code review, documentation
- Languages: English (Fluent), Spanish (Basic)

WORK EXPERIENCE

DATA SCIENTIST

IBGE | 2018 – Present

- Created the model and maintain the pipeline to forecast soybean yield in more than 500 cities on Brazil's Cerrado involving image and structured data
- Improved the Land Cover Classification method using neural networks (Keras) + GCP to improve accuracy on Coffee identification
- Research and maintenance of more than 8 pipelines involving different kinds of structured and non structured data
- Train 5 different teams on basic uses of machine learning

STATISTICAL ANALYST

IBGE | 2016 – 2018

- Applied Data Visualization techniques (Power BI) to analyse yield and area forecasts
- Applied descriptive statistical techniques to prepare reports to local agencies to help understand the data and the outliers

EDUCATION HISTORY

FEDERAL UNIVERSITY OF BAHIA

Bachelor of Chemical Engineering, 2016

- Academic performance of 85% and active research participation.

LOUGHBOROUGH UNIVERSITY

- Accepted and completed 1 year as an Exchange Student funded by the Brazilian Government and achieved First Class Honours (GPA: 3.60) with 1 paper publication