

HUGO CARL

Engineering student passionate about data science, cloud, algorithms and problem solving. Looking for experience in a collaborative environment and moved by innovation.

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SKILLS



- Python
- Pandas
- Scikit Learn
- Keras
- Tensor Flow
- Hadoop
- Spark
- SQL
- MongoDB
- Linux
- AWS
- Docker
- Git
- R
- C
- C++
- FPGA
- Qiskit

- AGILE METHODOLOGY (Scrum, OKR)
- QUICK LEARNER
- TEAMWORK
- PROBLEM SOLVING
- COMMUNICATION

LANGUAGES

PORTUGUESE - Native | ENGLISH- Advanced
SPANISH - Basic

CERTIFICATION

-  TOEFL (02/2020)
92/120
-  HACKTOBERFEST (2019)

INTERESTS

- AI
- Cloud Computing
- Blockchain
- Data Science
- Quantum Computing
- Brewing
- Bike
- Video Games
- Reading

EDUCATION

Bachelor of Science in Computer Engineering

INSPER (Instituto de Ensino e Pesquisa) | 2016 - 2021

- Relevant Coursework: Machine Learning, Quantum Computing, Blockchain

Bachelor of Business - incomplete

INSPER (Instituto de Ensino e Pesquisa) | 2014 - 2016

WORK EXPERIENCE

Flight Pricing Project

Azul Linhas Aéreas + Insper | Jan 2021 - Jun 2021

- Responsible for the development of storage tools and data analysis hosted by dockerized AWS. Created MySQL server, Django platform, and pricing analysis models, delivering strategic business information in a fast and efficient manner.

PROJECTS

Cloud Infrastructure

- Python project to create a server with complete AWS infrastructure using library boto3 with only one command. Application created with flask and data base using MongoDB.
- <https://github.com/hugoecarl/Cloud-Infrastructure-AWS>

YELP Heatmap

- Spark project to process a large amount of data, creating a heatmap based on the location of businesses obtained via API and a user review dataset. Utilized a SQL dataset to cross and save data.
- <https://github.com/guipleite/Yelp-heatmap>

DBSCAN Clustering

- Article focused on understanding DBSCAN clustering algorithm functioning, using tumor patients' RNA sequencing
- <https://github.com/hugoecarl/DBSCAN-Clustering>

Startup Stock Exchange

- Startup project to create a blockchain ethereum network for stock purchases, generating a OTC for startups. Made possible by smart contracts, registered in the network by ether coin.
- https://github.com/hugoecarl/Startup_Stock_Exg