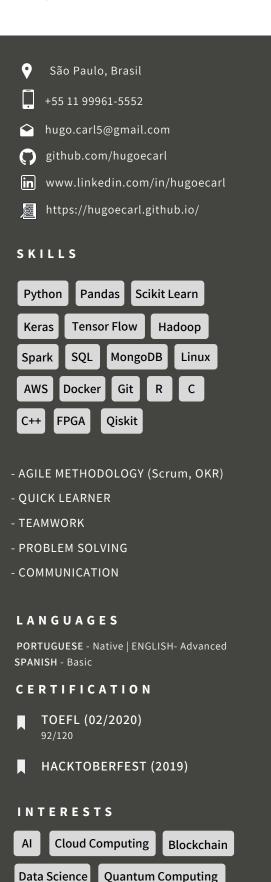
# **HUGO CARL**

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



Brewing

Reading

Bike

Video Games

# 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