YOHAN ALEXANDER

I am a software developer with experience in Python backend WEB development, Restful APIs, Golang, gRPC / protocol buffers, continuous integration tools, and microservices architecture exploring Docker Containers. On my free time I dedicate my studies to methods of Data Science and Machine Learning.

EDUCATION

2022 | 2018

Bachelor at Computer Science

Federal University of Sergipe — DCOMP

- Development of technical skills in design and analysis of algorithms.
- Contribution to the academic community through research at the level of scientific initiation.
- Development of skills in interdisciplinary thinking, through participation in the High Energy Astrophysics Research Group.

2017 | 2016

Unfinished Bachelor at Eletronic Engineering

Federal University of Sergipe — DEL

- Development of technical skills in electronic prototyping.

RESEARCH EXPERIENCE

2020 | 2019

CNPq Scientific Initiation Scholarship

High Energy Astrophysics Research Group — DFI

- Implementation in Python language of the Z2n periodogram.
- The central idea of the project is to implement in Python a mathematical method based on Fourier analyzes that is appropriate and widely used in Astrophysics to characterize oscillations with short periods (<minutes).

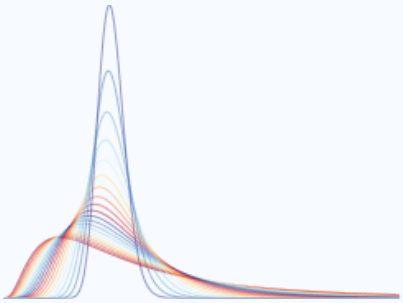
INDUSTRY EXPERIENCE

NOW | 2020

Python backend Web development

ma9 Soluções em Tecnologia — ma9

- Development of Restful APIs using the Python programming language through frameworks such as Django / Django Rest.
- Microservice architecture using Docker containers and orchestrators such as Docker-compose and Docker Swarm.
- Management of asynchronous tasks through the passing of distributed messages in queue systems using Celery.



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LANGUAGE SKILLS

- Python
- Golang
- C/C++
- LaTeX
- Shell
- SQL
- Javascript
- Haskell
- R

*Made with the R package **pagedown**.*

The source code is available at github.com/nstrayer/cv.

Last updated on 2020-10-28.