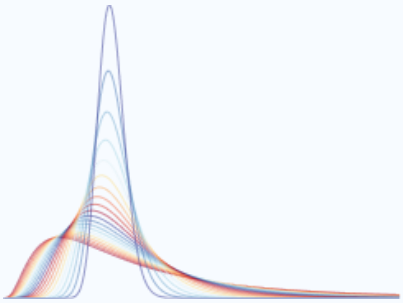
YOHAN ALEXANDER

I am a self-taught data scientist, currently majoring in Computer Science at the Federal University of Sergipe. Passionate about the Python ecosystem, open source and astronomical data, I dedicate my time to the study of methods to analyse and extract information from data via computational tools, such as deep learning.

On my academic life, I research at the level of Scientific Initiation in the High Energy Astrophysics Research Group, ASTRalE, in the Physics Department of the Federal University of Sergipe. Founded in 2018, the group has its activities based on space technology and astronomical observations conducted by satellites from American, European and Japanese space agencies.



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CONTACT

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LANGUAGE SKILLS

- Python
- LaTeX
- C/C++
- Bash
- Javascript
- SQL
- Haskell
- R

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

Trainee on Python backend Web development
ma9 Soluções em Tecnologia — ma9

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

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

Last updated on 2020-08-10.