Jefferson Costa

Contact me

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🌐 github.com/jc-costa

Skills

Programming Languagens

- C, Python, Javascript

Technologies

- HTML, CSS, React, Node.js
- Numpy, Pandas, Matplotlib, Scipy
- Git, Linux
- Machine Learning

Certifications

- Python for Data Science
- Python for Data Science: Functions, Packages, and Pandas
- Python for Data Science: Language and Numpy
- Git and GitHub: control and share your code.
- Learning to learn: techniques for self-development.

Languages

- Portuguese (Native)
- English (Professional working proficiency)
- Spanish (Elementary proficiency)

Experiences

Federal University of Pernambuco | Jan 2021 - May 2023

Undergrad Teaching Assistant for Computational Numerical Methods

- Proposed that the team of teachers' assistant started giving additional classes. This resulted in an increase in the number of completed assignments submitted.
- Helped students throughout the project by providing feedback, which led to improved implementation and better overall outcomes compared to previous semesters.

Federal University of Pernambuco | May 2023

CellTrack: User Localization in Mobile Networks.

- Used the Fingerprint method and machine learning techniques such as Linear Regression, KNeighbors, RandomForest, and DecisionTreeRegressor to solve the problem of user localization in cellular networks.
- Utilized various libraries such as Pandas, Matplotlib, Numpy, Math, and Scikit-Learn.

Federal University of Pernambuco | July 2022 - Sept 2022

LaptopFinder: A vertical search engine that provides us with information about laptops.

- Participated in the development of a vertical search engine. I used Python to implement a web crawler and a classifier that determined whether the collected page contained information about laptops.
- Used Python to implement the inverted index used by the vertical search engine.

Professor online - Super profes particulares | Sep 2021 - Jan 2022

Computer Programming Tutor (C and Python languages)

- Taught concepts of imperative programming using C and Python, covering basic to advanced levels.
- Guided students, enabling them to apply their knowledge in creating and solving real-life problems through projects.

Education

Federal University of Pernambuco |

Bachelor's degree in Computer Engineering | Graduting in 2024

Rock County Christian School |

High School - 11th Grade | Aug 2013 - Jun 2014

- Through the Programa Ganhe o Mundo, I had the opportunity to study in the United States.