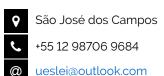
UESLEI ADRIANO SUTIL

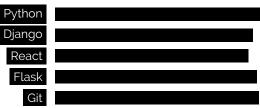
Oceanographer





ABOUT ME

I am a physical oceanographer with skills in programming language and data analysis and visualization. I work actively in development using Python.



scikit-learn numpy UX Design git Bootstrap LaTeX Javascript HTML CSS+SASS Node.js Kubernetes

























National Institute for Space Research

PROFESSIONAL EXPERIENCE

2017 – 2021 CNPq Fellowship

Assistant Researcher

- Publication of books and articles on numerical modeling and Python;
- · Personnel training in numerical modeling in Python through a course;
- Construction of the model2roms toolbox, Python and Fortran based, to create the files needed to run the ROMS numerical model. Open-source project available on **Github**;
- Implementation of the WaveWatch 3 and ROMS Sea-Ice models on a supercomputer;
- Construction of the Ocean and Atmosphere Studies Laboratory website. Access the website here.

 Python / React / Flask / Django / Big data / Fortran / C++ / Git / Bootstrap / HTML/CSS

2016 – 2017 CNPq Fellowship

Assistant Researcher

National Institute for Space Research

- · Implementation of the COAWST numerical modeling system on a supercomputer
- Hydrodynamic and atmospheric modeling to study extreme weather events and ocean-atmosphere interaction in the Southwest Atlantic.

Python / Big data / Fortran / C++ / MATLAB

EDUCATION

2020 - 2021 Dev Full Stack

Javascript / HTML+CSS/SASS / Webservice Client e Server / Angular / Node.js / UX

design / Banco de dados

2020 - 2020 Machine Learning A-Z™: Hands-On Python & R In Data Science

Udemy

Certificate available here.

Python / R / Tensorflow / numpy / scikit-learn

2014 - 2016 Master's degree: Remote Sensing

Federal University of Paraná

Thesis: Ocean-Atmosphere Interactions in an Extratropical Cyclone in the Southwest Atlantic. Available here. Python / Big data / NCL / Fortran / C++ / MATLAB / Linux

2009 - 2013 Bachelor's degree: Oceanography

Federal University of Paraná

Thesis: Variability of Sea Surface Temperature during an Extreme Precipitation Event in Santa Catarina. Avaliable **here.**

Undergraduate research project: *Meteorological aspects associated with the extreme event of November 2008 in the eastern state of Santa Catarina*. Avaliablea **here**.

GrADS / Python / Big data / Linux

RELEVANT PUBLICATIONS

Books and Articles

Python, modelagem numérica e treinamento de pessoal

- · COAWST User's Guide 3° Ed.
- Guia para utilização do COAWST
 2° Ed.
- · Guia para utilização do COAWST
- Extreme rainfall event in the Northeast coast of Brazil: a numerical sensitivity study

LANGUAGES

- · Portuguese Native
- English Proficient (Nível C2)
- · Italian Intermediary
- · Spanish Beginner



VOLUNTEER WORK

Casa 1 Jan 2019 – Dez 2019 Frente de Parcerias Comerciais e Empregabilidade

- Cultural events support
- Prospection of possible potential partners to help fund the organization