

# UESLEI ADRIANO SUTIL

## Oceanographer

📍 São José dos Campos  
☎ +55 12 98706 9684  
@ ueslei@outlook.com

🌐 uesleisutil.com.br  
🔗 github.com/uesleisutil  
🐦 @uesleisutil

### ABOUT ME

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

Python  
Django  
React  
Flask  
Git

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



### PROFESSIONAL EXPERIENCE

2017 – 2021  
CNPq Fellowship

#### Assistant Researcher

National Institute for Space Research

- 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

HSM University

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*. Available [here](#).

**Undergraduate research project:** *Meteorological aspects associated with the extreme event of November 2008 in the eastern state of Santa Catarina*. Available [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 ([C2 Level](#))
- **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