

Contact Info

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website: <https://victorportog.github.io/> **[portfolio available]**
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Educational Background

aug/2021– **MSc in Theoretical and Experimental Physics** - University of São Paulo (USP)
present
mar/2016– **BSc in Physics** - University of Brasília (UnB)
may/2021

Professional Experience

aug/2021– **Graduate Student** at Optics and Photonics Research Center (CEPOF)
present
feb/2021– **Teaching Assistant** of "Oscillations, Waves and Fluids Laboratory" (IF/UnB)
may/2021
aug/2019– **Scientific Initiation Student** in Numerical Cosmology (IF/UnB)
aug/2020
aug/2018– **Teaching Assistant** of "Experimental Physics Methods" (IF/UnB)
dec/2018
mar/2018– **Teaching Assistant** of "Programming for Physical Systems" (IF/UnB)
jul/2018

Areas of interest

Optics & Photonics

Biomedical Optics, Biophotonics, Photon Transport Monte Carlo Simulations, Colorimetry, Photodynamic Therapy, Optical Diagnosis, Optical Coherence Tomography.

Programming & Data Science

Computacional modelling, Signal and Image Processing, Machine Learning

Languages

Portuguese

native proficiency

English

professional proficiency

Spanish

limited professional proficiency

Japanese

limited professional proficiency

Brazilian Sign Language (LIBRAS)

elementary proficiency

Italian

elementary proficiency

Programming Languages

Python

advanced proficiency

packages: numpy, matplotlib, os, scipy, pandas, scikit-learn, kivyMD, colour

familiar with jupyterlab and jupyter notebooks

SQL

intermediate proficiency

MATLAB

intermediate proficiency

HTML/CSS

elementary proficiency

Tools, Softwares & Others

Microsoft Office

intermediate proficiency

packages: word, excel, powerpoint

LaTeX

intermediate proficiency

JSON

intermediate proficiency

Microsoft Power BI

elementary proficiency

Git

elementary proficiency

Awards & Accomplishments

- 2020 Unified Postgraduate Examination in Physics (EUF) [top 3, 88%]
- 2018 TOEFL ITP [final grade 610/677]
- 2018 Japanese Language Proficiency Certification JLPT N4 [top 4%]
- 2016 Japanese Language Proficiency Certification JLPT N5
- 2015 Silver Medallist - Brazilian Olympiad of Astronomy and Astronautics (OBA)
- 2014 Silver Medallist - Minas Gerais State Chemistry Olympiad (OMQ)
- 2014 Silver Medallist - Brazilian Olympiad of Astronomy and Astronautics (OBA)
- 2014 Honors - Brazilian Physics Olympiad (OBF)
- 2013 Bronze Medallist - Brazilian Olympiad of Astronomy and Astronautics (OBA)