

# Victor Porto

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## Curriculum Vitae

### Contact Info

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website: <https://victorportog.github.io> [portfolio available]  
<https://www.linkedin.com/in/victor-porto->

### Educational Background

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

### Professional Experience

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

### Areas of interest

#### Optics & Photonics

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

#### Programming & Data Science

Computacional modelling, Signal and Image Processing, Machine Learning

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## Languages

### Portuguese

native proficiency

### English

professional proficiency

### Spanish

limited professional proficiency

### Japanese

limited professional proficiency

### Brazilian Sign Language (LIBRAS)

elementary proficiency

### Italian

elementary proficiency

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## Programming

### Python

advanced proficiency

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

familiar with jupyterlab and jupyter notebooks

### MATLAB

intermediate proficiency

### SQL

elementary proficiency

### HTML/CSS

elementary proficiency

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## Tools, Softwares & Others

### LibreOffice

intermediate proficiency

writer, calc, impress

### Microsoft Office

intermediate proficiency

word, excel, powerpoint

### LaTeX

intermediate proficiency

### JSON

intermediate proficiency

### Git

elementary proficiency

### Microsoft Power BI

elementary proficiency

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## 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)