

RAFAEL DE CAMILLO MASSON

COMPUTER ENGINEER - 23 YEARS OLD

CONTACT



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<https://github.com/rafacmasson/>



<https://rafacmasson.github.io/>

HARD SKILLS

Python

C/C++

SQL

Numpy / Pandas / Matplotlib

PyTorch / Tensorflow

Data Science / Data Analysis

Machine Learning / Deep Learning

Data Structures and Algorithms

SOFT SKILLS

Ability to learn quickly

Creative thinking

Curiosity

Effective communication

Problem-solving

Teamwork

LANGUAGES

Portuguese (native proficiency)

English (full professional proficiency)

Spanish (limited working proficiency)

OBJECTIVE

I am looking for challenging opportunities that allow me to grow both technically and professionally, while contributing to impactful projects in areas such as Artificial Intelligence and Data-related fields.

PROFISSIONAL EXPERIENCE

SiDi - Intelligence & Innovation Center

Internship in Computer Vision

Abr/2024 - Fev/2025

- Development and enhancement of segmentation and denoising models for synthetic and real images.
- Manipulation and preprocessing of image datasets for training neural networks.
- Data analysis and validation for training purposes.
- Use of Kubeflow for cloud-based training.
- Use of PyTorch and OpenCV for the development and implementation of computer vision solutions.

EDUCATION

Federal University of São Carlos (UFSCar)

Bachelor's Degree in Computer Engineering

Mar/2020 - Fev/2025

- Undergraduate Thesis: "Identification of Water Tanks and Swimming Pools as Potential Dengue Breeding Sites Using Satellite Images".
- Undergraduate Research: "Data Analysis and Machine Learning for Intrusion Detection".

COURSES & CERTIFICATES

- Machine Learning Scientist in Python - DataCamp (2025)
- Data Analyst in Power BI - DataCamp (2025)
- Associate Data Analyst in SQL - DataCamp (2025)
- Associate Data Scientist in Python - DataCamp (2025)
- Data Analyst in Python - DataCamp (2025)
- Python Data Fundamentals - DataCamp (2025)
- Math Program - Kumon (2011 - 2020)
- International Journey of Science & Technology - Kennedy Space Center International Academy, NASA, USA (2016)

HONORS & AWARDS

- Gold Medal in the Brazilian Astronomy and Astronautics Olympiad (OBA) - 2019
- Silver Medal in the Brazilian Astronomy and Astronautics Olympiad (OBA) - 2018
- Bronze Medal in the Brazilian Mathematics Olympiad for Public and Private Schools (OBMEP) - 2018
- Outstanding Student of Elementary School in Limeira-SP (Fumagalli Trophy) - 2016
- Silver Medal in the Brazilian Robotics Olympiad (OBR) - 2016
- Silver Medal in the University of Campinas Mathematics Olympiad (OMU) - 2016
- Bronze Medal in the Brazilian Informatics Olympiad (OBI) - 2016