

Education

- 2015– **MSc in Applied Mathematics and Computer Science**, *École Polytechnique de Paris*.
- 2013– **BSc in Electrical Engineering**, *Universidade de São Paulo*.

Experience

- 2015– **Mathematical Models for Neuroscience (Supervisor: Johnatan Toubol, Collège de France)** – Analysis of data from the visual cortex using information theory for inference of patterns in the coding of visual stimuli.
- 2015– **Machine Learning on Image Databases (Supervisors: Jean-Charles Vanel & Razvigor Ossikovski, École Polytechnique de Paris)** – Supervised Learning for classification with Neural Networks using Matlab.
- 2014 **Software for Optimal Control Applications (Supervisor: Felipe Pait, University of São Paulo)** – Developed software for numerical approximation of optimal trajectories in manifolds for use in control systems.
- 2014 **Research Experience for Undergraduates in Algebra (Supervisor: Ivan Struchiner, University of São Paulo)** – Studied topics in Group Theory as an introduction to research in pure mathematics.

Awards

- 2015 **Eiffel Excellence Scholarship** – Granted by the French government to international students showing outstanding academic results.
- 2014 **3rd Place in Robocore Winter Challenge (Trekking Category)** – Worked in GPS communication and control of an autonomous robot for the biggest robotics competition in Latin America.

Programming Languages

Scripting Python, Matlab
Compiled Java
Other Linux, \LaTeX

Languages

Portuguese Mother tongue
English **Fluent**
French **Fluent**

German **Lower Intermediate**
Spanish **Lower Intermediate**

Interests

- Tennis
- Bonsai
- Opera
- Traveling