

# Curriculum Vitae / Filipe Oliveira da Silva

Brazilian - 1987

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## Education

- 2010 - 2012 / Joint M. Sc. at [Uppsala University](#) (Sweden) and [LMU – Munich](#) (Germany).
- 2012 / Visiting researcher at [Harvard University](#) (United States of America).
- 2005 - 2010 / B. Sc. [Federal University of Viçosa](#) (Brazil).

## Work experience

- 2018 – 2019 / Head of Biomaker for the [Private Educational System ELEVA](#) (Brazil).
- 2017 – 2019 / Founder and Director of the social micro-business [Connecting Science](#) (Brazil).
- 2013 – 2016 / Researcher Level III at [Institute of Biotechnology at University of Helsinki](#) (Finland).

## Publications

- 2019 / Content design for 5 elementary-school books named [TEC \(Technology and Creative Experiences\)](#) (Brazil).
- 2018 / Research paper in [Nature Communications 9, Article number: 376](#) (Finland).
- 2017 / Science Communication article in [Porvir Magazine](#) (Brazil).

## Design of Science workshops and outreach projects:

- Description: Maker and DIYbio education with electronics, digital fabrication, automation, paper engineering, optics, magnetism, biotechnology, kitchen science and scientific method with low cost and reused materials.
- Main organizations: **2019** / [Museum of Tomorrow](#) (most visited museum in South America); **2018** / [Catavento Museum](#) (most visited science museum in São Paulo); **2018** / [Artbio Brazil](#) (Sciart Non-profit Organization); **2018-2019** / [SESC São Paulo](#) (Institution that offers innovative workshops to the public / Offices: Av. Paulista, Pompeia, Santana and Carmo); **2018** / [SESC Rio de Janeiro](#) (Institution that offers innovative workshops to the public/ Office: Madureira); **2017** / [SBPC – Brazilian Society for the Progress of Science](#) (main scientific society in Brazil).
- Main outreach projects: **2019** / [Microzonía](#) (Science communication project produced after a scientific expedition in the Amazon forest); **2018** / [DIY Microscope lab](#) (Sciart project in public schools that are attended by students from slums); **2017** / [The Invisible World](#) (Citizen Science project in which kids learned the scientific method).