

# VITTOR BRAIDE COSTA

Curriculum Vitae



## CONTACT

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- Vittor Braide
- Personal Website

## PERSONAL INFO

- Current Address:**  
Goldmarkstraße  
80937 München
- Nationality:** Brazilian
- Year of Birth:** 2002

## LANGUAGES

- Portuguese:**  
Native Language.
- English:**  
Fluent
- German:**  
onSET B1 Certificate  
Studying B2.2

## TECHNICAL SKILLS

**Programming**  
Python,  $\text{\LaTeX}$ , R, Matlab, Simulink, Scilab, Wolfram Mathematica

**Softwares**  
ANSYS, SolidWorks, AutoCAD, Siemens NX10, Office, Inventor, Fusion 360, Revit

## VOLUNTEERING

- Adote um aluno**  
Initiative to assist high school students who faced educational challenges during the COVID-19 pandemic with topics in mathematics and physics

## EDUCATION

### Technische Universität München (TUM)

10/2023 - Current München

- Enrolled in a Mechanical Engineering Master
- Double Degree Program with AUCANI merit scholarship

### Polytechnic School of the University of São Paulo (POLI - USP)

03/2020 - Current São Paulo, SP

- Enrolled in a Mechanical Engineering course.
- Rating and grade average in 25/10/2023: 7° of 86 and 8,6/10.

### Federal Center for Technological Education of Minas Gerais (CEFET-MG)

01/2017 - 12/2019 Belo Horizonte, MG

- Completed a technical high school degree with an integrated course in mechanics.

## EXPERIENCE

### Teacher Assistant for the module *Thermodynamics I*, POLI-USP

03/2023 - Current São Paulo, SP

- Provided academic support in thermodynamics laws and cycles.
- Advisor: Prof. Dr. Guenther Carlos Krieger Filho.

### Teacher Assistant for the module *Mechanics I*, POLI-USP

08/2022 - 12/2022 São Paulo, SP

- Provided academic support in body kinematics and dynamics.
- Advisor: Prof. Dr. Flavius Portella Ribas Martins.

### Teacher Assistant for the module *Graphic Representation for Project*, POLI-USP

04/2021 - 07/2021 São Paulo, SP

- Provided support in the use of CAD softwares.
- Advisor: Prof. Dr. João Roberto Diego Petreche.

### Internship, *Blossom Consult*

12/2019 - 02/2020 Belo Horizonte, MG

Internship at an engineering company, gaining hands-on technical experience in the field of industrial pipeline projects.

## RESEARCH GROUPS

### PoliSat - *Cofounder and ADCS Leader*

01/2021 - 06/2022 São Paulo, SP

First nanosatellite engineering team in USP. It currently has over 20 members and has already participated in three competitions.

- Activities:** Took part in the foundation, leader of the Attitude Determination and Control Subsystem (ADCS) and advisor for the Structural part.
- Note:** 1st place in the Brazilian National Satellites Olympics.

### PET Mecânica - *President, Head of Marketing and Scholarship Member.*

10/2020 - 04/2023 São Paulo, SP

Group financed by the Brazilian Ministry of Education that focuses on the development of social and engineering projects

- Scholarship Member since joining.
- Responsible for the management of the group, including the supervision of 5 active projects and 18 members.
- Head of Marketing of the group (Jan 2021 - Feb 2022).
- Advisor: Prof. Dr. Edilson Hiroshi Tamai.