

# Marta Vasconcelos

Aspiring Biomedical Engineer

## Contacts

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- in /in/martasofivasconcelos/

## Skills

### Languages

Portuguese	—————
English	—————
Spanish	————
German	————
French	————

### Technical

Programming	—————
Python, Java, C#, Swift, Java Script, Bash	
Data Analysis	—————
Office Suite	—————
Zotero	————
Latex	—————
CAD	————
Adobe Suite	—————

### Soft

Public Speaking	—————
Team Management	—————

## Student Organisations

### External Relations Team Leader

Biomedical Engineering Student Association @ IST Lisbon | Sep 2023 - Present

### Management and Marketing Team Member

Rocket Experiment Division @ IST Lisbon | May 2023 - Present

## About me

I am a passionate and highly driven top student in Biomedical Engineering with a desire to make an impact on people's lives. Always looking for the next big challenge. Quick learner with a strong analytical and artistic side. Focused, resilient and aspiring leader.

"People who say it can't be done should not interrupt those who are doing it".

## Education

### Instituto Superior Técnico

B.S. Biomedical Engineering | Sep 2022 - Jul 2025 (Expected)

Grade: 18.33/20

Relevant Coursework

- Computation and Programming (20/20)
- Physiology (19/20)
- Bioelectricity (18/20)

### École des Ponts ParisTech

Startup Creathon | Nov 2023

In the context of the Athens Short Courses program, I led a team of international students in the development of a startup, gaining insights into the startup launch and management pipeline.

### Escola Secundária Daniel Sampaio

High School Degree | Sep 2019 - Jun 2022

Top student in school. Grade: 19.8/20

## Research

### AI/ML for Biosignal Research with Pattern and Image Analysis Group

Instituto de Telecomunicações | Oct 2023 - Present

- Current: Organising a database from unsorted hospital data, collected from patients with epilepsy. (Extracurricular)
- Past: Classification of sleep stages from wearable data (technology: SVM, LSTM) for epileptic seizure prediction. (Extracurricular)
- Past: ECG electrode misalignment detection using Random Forest Classifiers (Grade: 20/20)

### Intern at Computational Psychiatry Research Group

Molecular Medicine Institute | Jun 2024 - Present

Engaging in literature review and analysis.

### New Talents in Biology Gulbenkian Fellow

Research Institute TBD | Nov 2024 - Present

## Competitions and Accolades

- Speaker at SummerCEMP '24 | Aug 2024
- 2x NASA World Finalist International Space Settlement Design Competition Kennedy Space Center, Orlando | Aug 2022, 2023
- Introduction to Quantum Computing Course at QubitXQubit | Sep 2021 - Apr 2022
- Speaker at Ciência '22 | Apr 2022
- Literacia 3Di National Winner | 2018