Marta Vasconcelos

Aspiring Biomedical Engineer

Contacts

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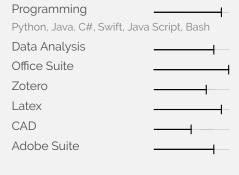
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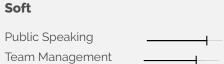
in /in/martasofiavasconcelos/

Skills

Languages Portuguese English Spanish German French

Technical





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
- Speaker at Ciência '22 | Apr 2022
- Literacia 3Di National Winner | 2018