

Tomás Talento



About me

Biomedical engineering graduate with a strong foundation in Machine Learning and Data Science. Passionate about using my problem-solving skills to produce innovative solutions that bridge healthcare and technology. Highly adaptable and organized, I value teamwork and take a holistic view of challenges, assuming leadership when needed.

Areas of specialization

Machine Learning • Signal Processing • Biosignals

Information

Name: Tomás dos Santos Talento
Date of birth: Feb 12, 2002
Nationality: Portuguese

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Odivelas, Portugal

WORK EXPERIENCE

2025–Current

Tutoring

SININHO DAS COLINAS · Odivelas, Portugal

One-on-one tutoring to middle school students across multiple subjects.

2023

Tutoring

FRASES E PALAVRAS · Odivelas, Portugal

Tutoring in a study room environment to middle and high school students across multiple subjects.

2018–2025

Private Tutoring

SELF-EMPLOYED · Odivelas, Portugal

One-on-one tutoring to middle and high school students in Mathematics, Physics, Chemistry, and Biology.

DEGREES AND EDUCATION

2023–2025

Master's Degree in Biomedical Engineering

INSTITUTO SUPERIOR TÉCNICO · Lisboa, Portugal

2024

Erasmus

UNIVERSITÉ CATHOLIQUE DE LOUVAIN · Louvain-la-Neuve, Belgium

2020–2023

Bachelor's Degree in Biomedical Engineering · (17.0 GPA)

INSTITUTO SUPERIOR TÉCNICO · Lisboa, Portugal

2011–2017

Music Course - Classical Guitar

CONSERVATÓRIO DE MÚSICA D. DINIS · Odivelas, Portugal

TECHNICAL SKILLS

Python



PyTorch



TensorFlow



MATLAB



CAD



3D-Printing



Java



LANGUAGES

Portuguese

C2

mother tongue

English

C2



French

A2



VOLUNTEERING

2021

Online tutoring to high school students in Portuguese-speaking developing countries (Angola).

RESEARCH

2025

Master's Thesis

INSTITUTO SUPERIOR TÉCNICO · Lisboa, Portugal

"Forecasting hospital demand: Statistical models versus Neural Networks" - Developed and compared statistical and neural-based machine learning models to forecast hospital admissions.

HOBBIES & INTERESTS

I'm passionate about DIY projects, often employing skills like 3D modeling and programming, where I enjoy exploring creative and technical challenges. In my free time, I also play the guitar and piano, compose, and produce music. I practise indoor climbing to stay active and focused.