TiagoGonçalves
Physics Graduate

December 20, 1999
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Skills & Strengths

Driving
- Portuguese Driving License

People Skills
- Contributes significantly to collegial athmosphere
- Experience with public speaking

Data Science
- Data Analysis and Data Wrangling with Python
- Basic knowledge of R programming
- Knowledge of SQL for Data Science

Event Organization
- Organization of events at Physis, namely, Physis Weeks for Development

Problem Solving
- Experience with defining a problem and evaluating alternatives for a solution

creative problem solver
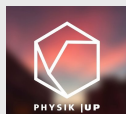
event organizer

team player

modest   data analysis

physical thinking

Eager to deepen knowledge about...
- ...economy and finance
- ...data analysis and wrangling
- ...database management

Associations

EDUCATION

Sept., 2020 · **Masters in Physics** | Theoretical specialization ♀ **University of Porto (FCUP)**
- Studying advanced topics in Theoretical Physics and Mathematical Methods
- Delving into Data Science courses dealing with Data Analysis with Pandas and R

2017 - 2020 · **Undergraduate Degree in Physics** | ∅ **16/20** ♀ **University of Porto (FCUP)**
Coursework:
Basis of Physics (Mechanics, Electromagnetism and Thermodynamics) and Mathematics (Real and Complex Analysis, Algebra and Statistics) aswell as more advanced topics such as Electrodynamics, Condensed Matter Physics, Optics and Quantum Mechanics. Extensive study of Python programming and numerical methods (more than 1000 hours of Python experience).

2014 - 2017 · **High School Diploma** | ∅ **18/20** ♀ **Escola Secundária Henrique Medina, Esposende, Portugal**
School Board of Honor

EXPERIENCE

2020 - now · **Department of Communication(2020-2021) - Board of Direction(2021-2022)** | PhysikUp - Association of Physics Students ♀ **University of Porto**
- Creation of posters for events (Adobe PhotoShop)
- Management of the association's website in wordpress

2020 - now · **Coordinator of Nuclei, Associates and Members** | Physis ♀ **University of Porto)**
- Management of Human Resources
- Organization of events and team building activities
- Networking with other physics student

2020 · **Data Science Pitch Bootcamp** | Spark Agency ♀ **Porto**
- Participation in the Data Science Pitch Bootcamp that counted with the participation of various companies and portuguese students.

2020 · **Research Grant for Quantum Matter** | FCT - Fundação para a Ciência e Tecnologia ♀ **University of Porto**
- Professional investigation experience
- Study of disorder effects in topological phases in bidimensional materials
- Participated in Quantum Matter - Material and Concepts Summer School

2019 - 2020 · **Extracurricular Internship** | Condensed Matter Physics ♀ **University of Porto**
- Study of symmetry breaking in graphene kirigami lattice
- Experience in computational and numerical methods

2017 - now · **Volunteering** | Various organizations ♀ **Porto**
- Participation in several volunteering activities including showing high school students the University of Porto, Mentoring freshmen students and selling books for Ajudaris.

Languages

Portuguese	●●●●●●
English	●●●●●○
French	●●●○○○
Spanish	●●●●○○
German	●●○○○○

Interests & Activities

History | Music (plays clarinet) | Economy and Finance | Linguistics Literature | Language Learning