André Oliveira

Software Engineer

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Work Experience

Software Developer @ PSEM
June 2022 – Present // Lisbon, PT

> Working on calculating an optimal line for our car based on the inner and outer lines of a track
> Developed a simulator for our car, allowing us to test different racing lines and see the details of the car in each lap
> Developed a system that allows anyone on the team to manage our database of racing tracks (add a new one, fix the points that delimit the track)

AI Researcher (Summer Internship) @ Maven
July – August 2022 // Lisbon, PT

> Using sound and movement data of several dogs, studied and identified core components that may allow identifying which data samples corresponded to barks

Software Developer @ Tapple
August 2020 – September 2021 // Lisbon, PT (Remote)

> Worked closely with other developers and engineers to develop cheating detection systems and mini-games for the server

Summer Camps Monitor @ Lisboa Youth Tours
July – August 2017 // Monsanto, PT

> Accompaniment of children in summer camps, promotion of games, monitoring of activities in the pool, and necessary daily assistance

Summer Camps Monitor @ Clube de Miraflores
July – August 2016 and July 2015 // Monsanto, PT

> Accompaniment of children in summer camps, promotion of games, monitoring of activities in the pool, and necessary daily assistance

Education

Instituto Superior Técnico
2021 - Present // Lisbon, PT
Bologna Master Degree in Computer Science and Engineering
Specialization in Artificial Intelligence

2018 - 2021 // Lisbon, PT
Bologna Degree in Information Systems and Computer Engineering

Skills

Programming Languages
Python, Java, SQL, HTML, CSS, JavaScript

Libraries & Frameworks
PyTorch, TensorFlow, Flask, React

Tools
Git, GitHub, GitLab, ElasticSearch

Other Activities

2009 – Present
Practiced several events of athletics, having conquered podium places, and standing out:
> 2nd in Decathlon and 3rd in Heptathlon U23 National Championships (2022)
> 3rd in Heptathlon U23 and Senior National Championships (2021)
> 3rd in Long Jump at Indoor University Championships (2021)
> 3rd in Heptathlon U23 and Senior National Championships (2020)
> 3rd in 60 Meter Hurdles and Long Jump at Indoor University Championships (2020)
> 3rd in Long Jump at 1st Meeting Madrid-Lisboa (2017)

2019 - 2021
Student Mentor at Núcleo de Apoio ao Estudante

August 2019
Volunteer at the International Youth Day Celebrations organized by Instituto Português do Desporto e Juventude

Prizes and Awards

5th, 6th, 9th and 12th scholar years
Academic Merit

2019/2020
Athlete of the Year by Juventude Vidigalense

2012/2013
U16 Athlete of the Year by Sporting Clube de Portugal

2011/2012
U16 Revelation Athlete by Juventude Operária de Monte Abrãao