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Curriculum Vitae

👤 Summary

I'm a 28 years old brazilian guy, who loves sports, living in Porto for over 5 years. During my time in Portugal, I have complete a Master's degree and I'm currently in the final strech of my PhD. Throughout my academic journey I have learned a set of abilities related to solving problems and generating insights from data using scientific and programming tools, and that turned out to be my favorite part of the job. Nowadays, my main carreer objective is to act as a full-time data scientist in order to put into practice in the job market the knowlodge and skills acquired during my Master's and PhD.

‹/› Technical skills

Programming	R (expert), Python (advanced), MATLAB (advanced), Bash (intermediate), SQL (intermediate), C++ (advanced beginner)
Tools	Git/GitHub, Make, continuous integration, unit testing

🎓 Education

2023 - Ongoing — **BS in Computer Science**, Faculty Estácio of Alagoas
📍 Maceió, Brasil

2019 - Ongoing — **PhD in Physical Activity and Health**, Faculty of Sports, University of Porto
📍 Porto, Portugal
- Focused on developing prediction models based on data from wearable devices to quantify physical activity related to bone health

2017 - 2019 — **MSc in Physical Activity and Health**, Faculty of Sports, University of Porto
📍 Porto, Portugal
- Thesis: Calibration and validation of accelerometers: Establishing new equations for energy expenditure and ground reaction force prediction

2012 - 2015 — **BS in Physical Education**, Faculty Estácio of Alagoas
📍 Maceió, Brasil

👤 Professional experience

2021 - Ongoing — **Freelance statistical consulting**
- Conducting statistical hypothesis tests to draw inference from data
- Generating reports of scientific activity through literate programming

| 2019 - Ongoing | **PhD in Physical Activity and Health**, Faculty of Sports, University of Porto |

2019 - Ongoing **PhD in Physical Activity and Health**, Faculty of Sports, University of Porto
📍 Porto, Portugal
- Generating reports of scientific activity through literate programming
- Fitting prediction and classification models with statistical/machine learning techniques
- Conducting statistical hypothesis tests to draw inference from data
- Extracting, gathering and organizing data from multiple sources (e.g., spreadsheets, reports in pdf files, websites)
- Making visualizations to see trends, relationships and get insights from data
- Processing biological signals derived from wearable devices
- Modeling time series data

2017 - 2019 **MSc in Physical Activity and Health**, Faculty of Sports, University of Porto
📍 Porto, Portugal
- Same experiences as described above

📖 Courses

2023 - Ongoing **Python Object-Oriented Programming (OOP): Beginner to Pro**, Udemy
📍 Online

2023 - Ongoing **Machine Learning A-Z**, Udemy
📍 Online

2020 - 2020 **Introduction to data analysis and image processing with MATLAB**, Institute for Research and Innovation in Health (i3S), University of Porto
📍 Porto, Portugal

💬 Languages

- **Portuguese**, native

- **English**, fluent (spoken and written)

🎖 Awards

2023 **Top Cited Article 2021-2022 in Obesity Science & Practice**, Wiley

2022 **Best Communication in Physical Activity**, 26th Portuguese Congress of Obesity

2021 **Best Communication in Physical Activity**, 25th Portuguese Congress of Obesity

2021 **Student Sponsorship**, ActiGraph Digital Data Summit

2020 **Best Oral Communication in Sports Sciences**, 13th Meeting of Young Researchers of University of Porto

2019 **Prize for Best Work in Physical Activity**, 23th Portuguese Congress of Obesity

📄 Scientific papers

2023 **Using raw accelerometer data to predict high-impact mechanical loading**.
Sensors
Veras L, Diniz-Sousa F, Boppre G, Devezas V, Santos-Sousa H, Preto J, Vilas-Boas JP, Machado L, Oliveira J, Fonseca H.

2023 **Multicompartment body composition analysis in older adults: a cross-sectional study**.
BMC Geriatrics
Rossini-Venturini AC, **Veras L**, Pugliesi Abdalla P, Pereira dos Santos A, Tasinafo-Junior MF, Santos Lopes da Silva L, Cândido Alves T, Ferriolli E, Romo-Perez V, Garcia-Soidan JL, Mota J, Lopes Machado DR

2022 **Mechanical loading prediction through accelerometry data during walking and running**.
European Journal of Sport Science
Veras L, Diniz-Sousa F, Boppre G, Resende-Coelho A, Moutinho-Ribeiro E, Devezas V, Santos-Sousa H, Preto J, Vilas-Boas JP, Machado L, Oliveira J, Fonseca H

2022 **Changes in volumetric bone mineral density and bone quality after Roux-en-Y gastric bypass: A meta-analysis with meta-regression**.
Obesity Reviews
Hernández-Martínez A, **Veras L**, Boppre G, Soriano-Maldonado A, Oliveira J, Diniz-Souza F, Fonseca H.

2022 **Comparison of Climacteric Symptoms, Quality of Life, and Self-Care Attitudes before and during the COVID-19 Pandemic**.
Journal of Menopausal Medicine
Oliveira Serra C, Gomes Leite PM, Bezerra AB, Freitas L, **Veras L**, Deda Costa M, Conceição Gonçalves LL, Yung dos Santos Maciel L

2022 **Effects of a Multicomponent Exercise Training Program on Balance Following Bariatric Surgery**.
International Journal of Sports Medicine
Diniz-Souza F, Granja T, Boppre G, **Veras L**, Devezas V, Santos-Sousa H, Preto J, Machado L, Vilas-Boas JP, Oliveira J, Fonseca H.

2022 **Does Exercise Improve the Cardiometabolic Risk Profile of Patients with Obesity After Bariatric Surgery? A Systematic Review and Meta-analysis of Randomized Controlled Trials**.
Obesity Surgery
Boppre G, Diniz-Sousa F, **Veras L**, Oliveira J, Fonseca H

2022 **The Effect of Exercise for the Prevention of Bone Mass Loss After Bariatric Surgery: a Systematic Review and Meta-analysis**.
Obesity Surgery
Diniz-Sousa F, Boppre G, **Veras L**, Hernández-Martínez A, Oliveira J, Fonseca H.

2021 **The effect of bariatric surgery on gravitational loading and its impact on bone mass**.
Bone
Diniz-Sousa F, **Veras L**, Boppre G, Devezas V, Santos-Sousa H, Preto J, Machado L, Vilas- Boas JP, Oliveira J, Fonseca H.

2021 **Can exercise promote additional benefits on body composition in patients with obesity after bariatric surgery? A systematic review and meta-analysis of Randomized Controlled Trials**.
Obesity Science & Practice
Boppre G, Diniz-Sousa F, **Veras L**, Oliveira J, Fonseca H

2021 **How Does Bariatric Surgery Affect Fall Risk Factors?**.
Obesity Surgery
Diniz-Sousa F, **Veras L**, Boppre G, Devezas V, Santos-Sousa H, Preto J, Machado L, Vilas- Boas JP, Oliveira J, Fonseca H.

2021 **Wearable Devices for Physical Activity and Healthcare Monitoring in Elderly People: A Critical Review**.
Geriatrics
Teixeira E, Fonseca H, Diniz-Sousa F, **Veras L**, Boppre G, Oliveira J, Pinto D, Alves AJ, Barbosa A, Mendes R, Marques-Aleixo I.

2021 **The Effect of an Exercise Intervention Program on Bone Health After Bariatric Surgery: A Randomized Controlled Trial**.
Journal of Bone and Mineral Research
Diniz-Sousa F, **Veras L**, Boppre G, Sa-Couto P, Devezas V, Santos-Sousa H, Preto J, Machado L, Vilas- Boas JP, Oliveira J, Fonseca H.

2020 **Accelerometer-based prediction of skeletal mechanical loading during walking in normal weight to severely obese subjects**.
Osteoporosis International
Veras L, Diniz-Sousa F, Boppre G, Devezas V, Santos-Sousa H, Preto J, Machado L, Vilas-Boas JP, Oliveira J, Fonseca H.

2020 **Accelerometry calibration in people with class II-III obesity: Energy expenditure prediction and physical activity intensity identification**.
Gait and Posture
Diniz-Sousa F, **Veras L**, Ribeiro JC, Boppre G, Devezas V, Santos-Sousa H, Preto J, Machado L, Vilas-Boas JP, Oliveira J, Fonseca H.