

MARGARIDA CAMPOS

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[LinkedIn](#)

[GitHub](#)

PROFESSIONAL EXPERIENCE

Instituto Superior Técnico

Lisbon

Invited Teaching Assistant

Sep 2023 to present

- Taught courses of Deep Learning, Information Theory and Communication (TIC) and Natural Language Processing

Toptal

Remote

Freelance Data Scientist

Dec 2021 to present

- Worked on healthcare company building data model from scratch combining different sources of data
- Created ML-based confidence scores for data entries' fields

Associação Simbiose

Lisbon

President and Founder

Jan 2021 to present

- Founded the Association to change the culture of offering and requesting help in social impact projects
- Currently building a platform and mobile app to agilize the participation of volunteers in countrywide social initiatives
- Responsible for planning and managing the efforts and plans of the project, coordinating 12 people

Le Wagon

Lisbon

Lead Teacher of Data Science

Sep 2020 to present

- Taught over 10 batches, over 200 students, with 99% positive feedback
- Teacher of modules from Python essentials to Machine Learning pipelines and Deep Learning
- Led final Data Science projects of several students from idea to production
- Involved in the improvement of classes' content and pedagogical flow
- Developed from scratch all content for *Data4Business* workshop to engage students in Data Science

OutSystems

Lisbon

Data Scientist

Jan 2018 to Sep 2020

- Performed data analysis with different business units and data types
- Responsible for the communication and alignment with stakeholders, designed action plans and managed deadlines
- Implemented ML models on text data (Spam Model), financial time based data (Churn and Revenue Forecasts), website behavior and demographic data (Visits Propensity to Buy Classification Model)
- Responsible for the on-boarding and training of junior data scientist
- Continuous responsibility for researching innovative AI and ML solutions for internal applications

PiRQuadrado

Lisbon

Tutor (Full-Time)

Feb 2014 to Sep 2018

- High-school level Mathematics
- Linear Algebra
- Calculus
- Complex Analysis and Differential Equations
- Computational Mathematics
- Programming
- Topology
- Probability and Statistics

SCIENTIFIC RESEARCH

Research Scholarship

Instituto de Telecomunicações

Oct 2023 to present

- Studying uncertainty quantification in Large Language models for biomedical applications
- 2 published papers in top-tier conferences

Research Scholarship

LASIGE - University of Lisbon

Oct 2020 to May 2021

- Scholarship granted by FCT - Technology and Science Foundation
- Application graded 19/20
- Developed Biomedical QA system using Deep Learning to participate in the [BioASQ](#) challenge
- Proposed system won one of the test batches for exact QA
- Developed code is publicly available in [Github](#), and being used by the research team
- Published paper "[Post-processing BioBERT And Using Voting Methods](#)"

EDUCATION

PhD in Electrical and Computer Engineering

Coursework 19/20

- Reinforcement Learning (20/20)
- Deep Structured Learning (19/20)

Instituto Superior Técnico

Sept 2023 to present

Masters in Data Science and Engineering

17/20

- Natural Language Processing (19/20)
- Machine Learning (18/20)
- Speech Processing (17/20)
- Thesis: Biomedical Question Answering using Deep Learning (19/20)

Instituto Superior Técnico

Sept 2019 to Sept 2021

Bachelor in Applied Mathematics and Computation

13/20

- Mathematical Logic (16/20)
- Programming (18/20)
- Topology (14/20)

Instituto Superior Técnico

Sept 2012 to Jun 2017

High School in Science and Technology

18.5/20

- Mathematics (20/20)
- Physics & Chemistry (19/20)
- Biology & Geology (18/20)

Vergílio Ferreira

Sept 2009 to Jul 2012

EXAMS

Graduate Record Examination (GRE)

Oct 2020

- Quantitative Reasoning (166/170)
- Verbal Reasoning (161/170)
- Analytical Writing (4/6)

Test of English as a Foreign Language (TOEFL)

114/120

Nov 2020

- Reading (30/30)
- Listening (30/30)
- Speaking (29/30)
- Writing (25/30)

CONFERENCE PRESENTATIONS

- Speaker in Build Brighter Futures (2020) - *Microsoft*
- Speaker in CLEF 2021
Presenting paper "[Post-processing BioBERT And Using Voting Methods for Biomedical Question Answering](#)"
- Speaker in Future Works Tech Conference (2021) - *Landing Jobs*
- Presenting paper "[Conformal Prediction for Natural Language Processing: A Survey](#)" - EMNLP
- Presenting paper "[Sparse Activations as Conformal Predictors](#)" - AISTATS 2025

AWARDS

- Top Performer Award (2019) - *OutSystems*
Awarded with a perfect score in the Year-End Global evaluation
- BioASQ Challenge Task B - Phase B (2021)
System won one of the test batches
- Diploma of Academic Excellence (2021) - *Instituto Superior Técnico*
Granted for the 2nd year of Data Science and Engineering Masters

EXTRACURRICULAR EDUCATION

- GARCH Models in R - DataCamp (2020)
- Practical Time Series Analysis - The State University of New York (2020)
- Information Visualization: Programming with D3.js - New York University (2020)
- Neural Networks & Deep Learning - deeplearning.ai (2019)
- The Complete JavaScript Course - Udemy (2019)
- Anomaly Detection in R - DataCamp (2019)
- PowerBI Training - DevScope (2018)

OTHER SKILLS

Software JavaScript, Excel, PowerBI, CSS, HTML5, Git

Languages English: professional proficiency. Portuguese: native. Italian: conversational. French: Conversational