



BEATRIZ BORGES

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About

Ambitious young computer and data scientist who dreams of building the future – by harnessing the increasingly powerful technology around us, particularly Artificial Intelligence and Machine Learning, to provide a better quality of life for people all over the globe.

Education

MSc. Data Science | 2022 | École Polytechnique Fédérale de Lausanne

Current GPA above 5.5 (*higher than the de-facto threshold of excellence of 5.2 out of 6*).

Semester project – Humor detection using BERT.

- Done in EPFL's Data Science Lab (dlab), with prof. Robert West, Maxime Peyrard and Kristina Gligorić.
- Further work resulted in a publication submitted at IJCAI 2021.

Relevant coursework includes machine learning, data analysis, natural language processing, computer vision, statistics, distributed systems, and digital humanities.

BSc. Computer and Telematics Engineering | 2019 | University of Aveiro

Best student of the class of 2019, with a final grade average of 19 out of 20.

- Awarded 'Best Student' distinction in 'Digital Systems Laboratories' class, out of more than 100 students.
- Distinguished as 'Best Freshman' in 2016.
- Recipient of full-ride academic scholarship in 2016, 2017, and 2018. Awarded for exceptional academic performance over the previous two semesters of each academic year.

Relevant coursework includes programming, algorithms and complexity, automata, introduction to AI, databases, digital systems, and computer architecture.

High School | 2015 | Escola Secundária José Estêvão

Best female student of the class of Sciences and Technologies of 2015, with a final grade average of 19 out of 20.

- Distinguished as 'Best Student' in 2014.

MOOCs Coursework

- Stanford's Machine Learning – Coursera – final grade of 100%
- DeepLearning's Deep Learning Specialization (5 courses) - Coursera – final grade of 100%
- Harvard's CS50x – Introduction to Computer Science – edX – final grade of 100%
- Other relevant coursework includes Electronics, Probabilities, Neuroscience and Psychology – Berkeley, MIT, U. of Washington, U. of Toronto, etc.

Experience

Data Science student with experience in lecturing, research, machine learning and web development.

- Recipient of Calouste Gulbenkian Foundation's New Talents in AI research grant.
- Second place winner in LauzHack 2019, for a personality-assuming conversational AI based on Open AI's GPT-2 and ConvAI's NeurIPS 2018 paper.
- Participated in several kaggle machine learning competitions.
- Organized and lectured end-of-semester review sessions for the classes "Introduction to Digital Systems" (Fall 2016) and "Computer Architecture I" (Fall 2017).
- Took part in 2019 and 2018's HackZurich, submitting projects leveraging robotics (NAO robots), mobile applications, and Machine Learning (extracting a user's preferences profile from their phone's gallery; face recognition).
- Integrated 2017's ENE3 (an annual event for students by students) staff, assisting an Internet of Things workshop.
- Received an honorable mention in 2016's TM Forum {open};hack.
- Developed two mock-up quizzes for 80,000 Hours, an effective altruism start-up, visibly improving the original quiz's accessibility and usability.

Personal Skills

Fluent in both English and Portuguese, with an A2 level in French, and an initiation level in Japanese.

Computer Skills

- Fluent in Python, C, Java, Matlab, Git, SQL, Javascript, and several front-end technologies. Also fluent in LaTeX, Markdown, VHDL, and Jekyll, among others.
- Familiar with R, Spark, Scala, Hadoop, NoSQL, C++, C#, Ruby, Ruby on Rails, PHP

Hobbies

A bit of a polymath, I indulge in a myriad of hobbies, such as playing the piano, practicing martial arts (shu-do/self-defense MMA), cycling, drawing and watercolor, calligraphy, as well as reading and tinkering with gadgets and systems. I also love to sing, and my "useless talent" probably has to be the ease with which I can memorize lyrics!