

João Pedro CORREIA

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 jpcorreia99 |  joao-correia99

EDUCATION

ÉCOLE POLYTECHNIQUE FÉDÉRALE DE LAUSANNE (EPFL)

2021 - Present

MSC. IN COMPUTER SCIENCE

UNIVERSITY OF MINHO

2018 - 2021

BSC. IN SOFTWARE ENGINEERING

- Final grade: 17.3/20, Top Student: **Ranked 1/200**.

WORK EXPERIENCE

CALOUSTE GULBENKIAN FOUNDATION

10/20 - 09/21

ARTIFICIAL INTELLIGENCE RESEARCHER

- Grant: "New talents in Artificial Intelligence".
- Research theme: "Textual Complexity Identification in European Portuguese Corpora".

SUBVISUAL

07/20 - 09/20

SOFTWARE ENGINEERING INTERN 

- Developed a web app for managing and registering the monthly gathering of the book club at the company.
- Worked as a developer in a team of 4 composed by 2 developers, 1 designer and 1 product manager.
- Open source project written in Ruby on Rails, integration with Google Books' API.

PEER-REVIEWED PUBLICATIONS

A DEEP LEARNING APPROACH TO READABILITY CLASSIFICATION FOR EUROPEAN PORTUGUESE

10/21

CONFERENCE ON INTELLIGENT DATA ENGINEERING AND AUTOMATED LEARNING. (IDEAL'2021)

- Proposed model capable of classifying an European Portuguese text by it's CEFR level.
- Outperforms previous proposed models, highlighting the importance of combining semantical and syntactical input.

PERSONAL PROJECTS

CESIUM/SAFIRA

2021

CO-DEVELOPER AND MAINTAINER

- Event management web application backend written in Elixir's web framework, Phoenix.
- Features jwt auth, badge attribution, internal store, roulette, leaderboards, etc.
- Used in Cesium's events, both at university and national level.

JPCORREIA99/INCOME-PREDICTION

2020

- Guide for data science/ML projects, written in python using sklearn.
- Teaches best practices for data visualization and pre-processing, model selection and fine tuning.

HONORS AND CERTIFICATES

- University of Minho Excelence Award - Highest GPA in respective degree.

2021

- DeepLearning.AI Tensorflow Developer Professional Certificate. 


2020

ASSOCIATIONS

CENTER OF INFORMATICS ENGINEERING STUDENTS OF UNIVERSITY OF MINHO (CESIUM)

09/19 - 10/21

CO-DIRECTOR OF THE OPEN SOURCE DEPARTMENT

- Helped develop and maintain Cesium's Open Source projects. 
- Gave multiple lectures and workshops about machine learning. 