José Pedro Pinto

Curriculum Vitae

Personal Information

Name	**José Pedro Ribeiro Ferreira Pinto**.
Born at	**20/7/1998**.

Education

2019–(2021)	**Masters in Data Science**, *Faculty of Sciences of the University of Porto (FCUP)*, Porto, Portugal, *In course (2º year)*. Formation with theoretical-practical focus in classical and deep learning, big data and cloud computing. Current grade average of 18/20.
2016–2019	**Bachelors in Computer Science**, *Faculty of Sciences of the University of Porto (FCUP)*, Porto, Portugal. Optional courses with focus on statistics and artificial intelligence. Final grade average of 16/20.

Professional experience

Jul. 2020 – Set. 2020	**Data engineer (Internship)**, *INESC TEC*, Porto, Portugal. Development of a deep learning and AutoML solution for a point cloud classification problem with data from LIDAR. Use of transfer learning and hyperparameter tuning techniques for data generation and model training. Achieved good results despite limited computational resources and technical challenges such as heavily noised data. Technologies: Tensorflow/Keras, Numpy.
Jul. 2019 – Set. 2019	**Software engineer (Internship)**, *Health Data Pioneers GmbH*, Munich, Germany. Development of a standalone web application for form creation with a drag-and-drop interface. MVP delivered two weeks from start, with the remainder of the time used for iterative improvement of the project. Technologies: Javascript (ES6), React, Docker.

Computer Knowledge

Programming languages

General Use	Python, R, C, Java, Haskell, Javascript, VBA, AMPL and Prolog
Markup	HTML, CSS and LaTeX

Databases

MySQL, MariaDB and Google BigQuery

Data science

Tensorflow/Keras, Pandas, Numpy, SPARK and Google Cloud

Others

Git/GitHub and Docker

Languages

Portuguese	Native speaker
English	Full professional fluency

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