Álvaro Menéndez
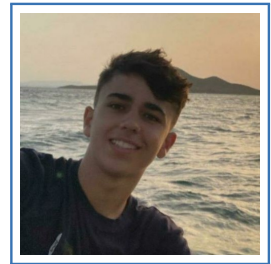
Curriculum Vitae

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Profile

Student at Maastricht University pursuing a BSc in Data Science and Artificial Intelligence, currently in third year. Interested in back-end development of projects in Java or python. Knowledge of Machine Learning and data analysis using Python with libraries such as sklearn, keras, numpy, and matplotlib. Fluent in English. Eager for learning, with high capacity to learn new tools.

Education

Aug 2021–Now	**BSc Data Science and Artificial Intelligence - Maastricht University**. BSc Data Science and Artificial Intelligence - Maastricht University
Sep 2019–Jun 2021	**Baccalaureate - Colegio Menesiano**, *Madrid*. Scientific-Technological itinerary

Projects

Sep 2023–Jan 2024	**Contributed to company "Ans" by implementing state-of-the-art LLM technology**, *Maastricht University, The Netherlands*. Collaborated with a team of six colleagues to enhance the ANS platform with valuable functionalities through the implementation of Language Model technology (LLM). Specialized in testing transformers, including DeBERTa, for zero-shot classification tasks.
Mar 2023–Jun 2023	**Sentiment Analysis of inmates Last Statements using Natural language processing (NLP)**, *Maastricht University, The Netherlands*. We performed a study to analyze the Last Statements from Inmates executed in texas since 1984 using NLP techniques and models such as BERT or N-Gram frequency analysis
Jan 2023–Mar 2023	**Restaurant database**, *Maastricht University, The Netherlands*. Employed MySQL and JDBC to create a complete restaurant ordering system
Sep 2022–Dec 2022	**3D golf project from scratch and developing a bot that made hole in one's**, *Maastricht University, The Netherlands*. We developed a 3D mini-golf project using LibGDX for the GUI, then using Runge-Kutta methods to estimate the position of the ball at every moment. We used hill climbing and gradient descent to find optimal shots.

Experience

Sep 2023–Now	**Student Ambassador**, *Maastricht University*, Maastricht, The Netherlands. As an Ambassador, I promote the program in various events and help prospective students make choices by sharing my experience

Mar 2022– Jul 2022	**Waiter**, *D'n Hiemel*, Maastricht, The Netherlands. Worked in an international enviroment and learnt what usual 8 hour shifts jobs look like
Sep 2019– Jun2020	**Handball referee**, *Federación Madrileña de Balonmano*, Madrid, Spain. Learnt the importance of leadership, and how to keep calm under stressing situations

Skills

Programming	Java, Python, MySQL, MATLAB
Working environments	Latex, Microsoft Office, VisualStudio