

Jaime Parada López

Data scientist

PROFILE

I'm a data scientist passionate about deep learning and machine learning, specializing in developing predictive models using neural networks and advanced algorithms. I thrive on transforming data into actionable insights and continuously explore cutting-edge technologies to deliver impactful solutions.

EXPERIENCE

TheNextPangea S.L February 2024 - Present

Data Scientist Intern

- Explored and analyzed the Segment-Anything Model by META for image segmentation.
- Researched few-shot learning algorithms for defect detection in images of aircraft components using Python.
- Applied machine learning and deep learning techniques to enhance defect detection accuracy
- Investigated and evaluated Zero-Shot Learning and patch matching algorithms to improve image classification and segmentation.
- Conducted manual labeling of images for defect classification.

Capgemini S.A March 2023 - July 2023

Software Developer Intern

- Construction of complete web applications, promoting a layered SOA model based on the Devonfw technology stack, making use of technologies such as Springboot, JPA, Maven in backend and Angular in frontend.
- Application of agile methodology with focus on Scrum techniques for progress control and follow-up.

EDUCATION

Master's Degree in Data Science.

Universidad Camilo José Cela, Madrid, Spain

October 2023 - July 2024

Overall Grade: 9.34 / 10

Thesis: "Comparison of Reinforcement Learning and Evolutionary Computing Learning techniques in drone swarm control."

Grade: 9.63 / 10

Bachelor of Science in Computer Engineering, Major in Computer Science

Universidad de Castilla-La Mancha, Albacete, Spain

September 2019 - July 2023

Overall Grade: 7.23 / 10

Thesis: "Predicting NBA game outcomes using machine learning."

Grade: 9.75 / 10

Details

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Links

[LinkedIn](#)

[GitHub](#)

SKILLS

Programming:

Python (Pandas, NumPy, scikit-learn, TensorFlow), R, SQL, Java, C++, MATLAB, HTML5, CSS

Data Visualization & BI:

Power BI, Matplotlib, Seaborn

Machine Learning & Statistics:

Regression Analysis, Decision Trees, k-NN, Hoeffding Trees, Bagging, Random Forest, Boosting, Gradient Boosting, Histogram Gradient Boosting, k-Means, Neural Networks

LANGUAGES

Spanish: Native.

English: Level B2 (First Certificate in English), Cambridge Certificate.

OTHER

Driving License: Class B

Personal Vehicle: Available

Availability: Full availability for work and travel

ESports Achievements:

Competed at a professional level in NBA2K, achieving Top 7 in Europe and Top 4 in Spain. Developed strong teamwork, strategic planning, and competitive skills