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Presentation Letter

To whom it may concern:

My name is Pablo Ruiz. I am a deep learning researcher at Harvard University.

I work at the School of Engineer and Applied Sciences. My research focus on decreasing the training time of ensembles of neural networks using preserving function transformations and accelerate inference time and improve accuracy through diversity encouraging mechanisms.

In the past, I had experience with Computer Vision during my last position at Accenture Applied Intelligence where we built an OCR tool for handwritten tolerance measurements for Airbus. Furthermore, I worked as an Intern AI Researcher at the Luxembourg Institute of Science and Technology applying deep learning mainly focused on predictive maintenance. I work on a LSTM-driven project for the forecast of temperature and silicon content on blast furnaces for steel maker company.

I studied my bachelor's degree at the Superior Technical School of Industrial Engineers of Madrid (UPM). I graduated as the best student of my class. For my final project I developed a web application for the website of the department of organic chemistry for the simulation of chemical processes based on a statistical factorial design approach.

I did my master's degree in chemical engineering at the Superior Technical School of Industrial Engineers of Barcelona. I developed my final project during my 6 months research stay at Buenos Aires Institute of Technology. I developed a model-based simulator for the polymerization of PMMA with novel symmetric cyclic radical initiators with MATLAB. I did my master's degree in Visual Analytics and Big Data from International University of La Rioja (UNIR). For my final project I developed a visualization tool-oriented web platform for to help clients better perform in sports betting forecasting using Django and Plotly.

I have also done two intensive programs through Udacity online platform. I have coursed the Artificial Intelligence Nanodegree Program and the Computer Vision Nanodegree Program. Each of them is about 4 months and 3 projects assignments.

I am very proactive person, specially doing the things I feel passion for. My main interests are deep learning research, computer vision applications and reinforcement learning.

Your sincerely,

PR
