



Nicolas MERIC

CEO

Nicolas MERIC is the founder and CEO of DreamQuark.

Previously Nicolas was a PhD student in particle physics at University Paris-Diderot working in theoretical and experimental aspects of Quantum Chromodynamics. His topic was related to the calculation and the measurement of perturbative corrections to Quantum Chromodynamics processes which influence the search of new signals in the high energy region that is studied at LHC. He was also involved in the analysis of detector noises in the ATLAS experiment and the development of new algorithms to catch them efficiently.

This is also why the Faidherbe's HighSchool of Lille 's alumni and the graduated from Orsay's magistère of fundamental physics became so interested in deep learning and neural networks. Nicolas realises that this technology would disrupt the way companies are processing their daily data if he could get it out of the academic sphere to make it accessible to domain experts who haven't any Data Science education.

He founded DreamQuark in 2014 with the objective of developing Brain, a software platform that automates model training based on Deep Learning and allows an easy deployment, quick to meet the daily needs of companies in financial and health sectors.

In 2016, He created DreamUp Vision developing a cognitive learning engine which relies on deep-learning technologies. DreamUp Vision enables detecting at their earlier stage diabetic retinopathies, major cause of blindness in the working-age population. The algorithm can identify on his own the forerunner of the disease by detecting micro aneurysm, marks, arteries' bad conditions on fundus photography realised from an ocular fundus camera.

DreamQuark, which counts 28 employees and has raised 3 million, is frequently awarded for its innovation and Nicolas Méric has been recognized in 2017 as one of the « 10 French brains that fascinates » in the Artificial Intelligence field (source: Ailancy) by side with Yann LeCun (Facebook), Jérôme Pesenti (IBM Watson) and Emmanuel Mogenet (Google).

www.dreamquark.com