

MACHINE LEARNING SCIENTIST

We are looking for a qualified engineer with proven experience on machine learning R+D to lead the definition and development of our artificial intelligence-based engine for rational drug design. Such engine will use the unique, proprietary and more accurate molecular modeling algorithms developed at Pharmacelera and extensive benchmarking will be performed to compare the new artificial intelligence methodology with current state-of-the-art technologies. The successful candidate will also have a relevant role in the definition of the research and innovation agenda of the company based on his/her experience, on a permanent interaction with the company's scientific and top management team and on conversations with the different stakeholders.

WHO WE ARE

Pharmacelera is a start-up that applies High-Performance Computing and machine learning for rational drug design. We have developed disruptive and unique technology to discover candidate molecules with higher accuracy and chemical diversity based on research at the University of Barcelona. The company sells licenses of our technology to pharmaceutical R+D departments, biotech organizations, academia and research centers. We are based in Barcelona and we have commercial offices in San Diego (United States).

REQUIREMENTS

The following are **strict requirements**. If you do not satisfy one of them, please, do not apply to the position for a more efficient process. Thank you!

- Proved experience on machine learning in a research and development (R+D) environment
- Author in publications and/or patents on machine learning / artificial intelligence
- Willing to be based in Barcelona and open for traveling
- Extremely fluent with English
- Strong communication, leadership and team working skills. Motivated, pro-active and open-minded attitude
- The offer will be articulated through a Marie Curie Individual Fellowship (IF) grant that imposes some additional requirements. In particular, the candidate must:
 - Have a top-notch CV as the grant is quite competitive
 - Be an experienced researcher, defined as "in possession of a PhD degree or at least with 4 years of full-time equivalent research experience" – in our case, a PhD degree is preferred, but not mandatory
 - Satisfy the mobility rule: candidates must not have resided or carried out their main activity in Spain for more than 12 months in the 3 years immediately before September 12th, 2018.

WHAT WE OFFER

- 2-year contract through a Marie Curie Individual Fellowship (IF), if granted, with very competitive conditions
- Strong options for a permanent position afterwards - the position is key in the growth strategy of the company
- Incorporation between January and April 2019, depending on candidate requirements
- Flexible working conditions as Pharmacelera evaluates performance based on goals and meritocracy
- Important professional growth opportunities in a dynamic and innovative company with a strong network in the United States and Europe
- Unique opportunity to influence the research agenda and activities of the company
- Join a strong top-notch multi-disciplinary team including computer engineers, bioinformaticians, medicinal chemists, computational chemists and business developers

APPLICATIONS

Candidates shall send their CV, a cover letter and two reference contacts to hr@pharmacelera.com with the subject "Machine Learning Scientist"